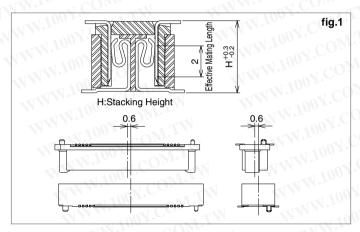
High-Speed (3.125Gbps) Stacking Connectors

FX8C Series





■Mechanical features

- 0.6mm Pitch
- Stacking Height: 5~16mm
- Number of Contacts: 60, 80, 100, 120, 140,

160, 200, 240, 280

SMT Coplanarity

The coplanarity of the SMT solder area lead is maintained at the high accuracy of less than 0.1mm.

Mating Guide

The very small and guide rib is provided, and secures ± 0.6 mm self-alignment, considering the mating operativity into accounts. (fig.1)

- Effective Mating Length: 2mm (fig.1)
- Mis-insertion Prevention

The boss prevents mis-insertion in the board to cause due to the boss position and boss diameter.

■ Two-piece Connection Product

In order to enhance the mating reliability for fine pitch connector using two-pieces, the two-pieces of connectors are combined by our unique method, and can secure the mount position accuracy. In such a new concept, the two-piece connected product is prepared at every number of contacts (The standard mating pitch for the two-piece interconnected product in two rows is 11mm.)

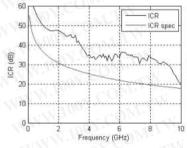
■Signal integrity features

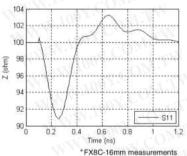
● Insertion-Loss-to-Crosstalk-Ratio (ICR)

The insertion-loss-to-crosstalk ratio (ICR) with five-aggressor differential FEXT meets the IEEE 802.3ap specification for 3.125⁺ Gbps with plenty of margins.

Differential Impedance

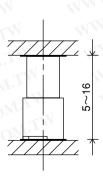
The differential impedance is within 100 ± 10 ohms at 100 ps rise time (20% to 80%).





■Stacking height variations (5mm~16mm)

Receptacle Header	FX8C-**S-SV FX8C-**/**S11-SVJ	FX8C-**S-SV5 FX8C-**/**S11-SV5J
FX8C-**P-SV FX8C-**/**P11-SVJ	5mm	10mm
FX8C-**P-SV1 FX8C-**/**P11-SV1J	6mm	11mm
FX8C-**P-SV2 FX8C-**/**P11-SV2J	7mm	12mm
FX8C-**P-SV4 FX8C-**/**P11-SV4J	9mm	14mm
FX8C-**P-SV6 FX8C-**/**P11-SV6J	11mm	16mm



FX8C Series High-Speed (3.125Gbps) Stacking Connectors

FX8C Series

■Product Specifications

勝 特 力 材 料 886-3-5753170 胜特力电子(上海) 86-21-34970699 胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw

Detina	Current rating 0.4A	Operating Temperature Range	-55℃ to +85℃ Note 1.	Storage Temperature Range -10°C to +60°C Note 2.
Rating	Voltage rating 100V AC	Operating Humidity Range	40% to 80%	Storage Humidity Range 40% to 70%

Item	Specification	Condition				
1. Insulation Resistance	100M ohms min.	250V DC				
2. Withstanding voltage	No flashover or insulation breakdown.	300V AC/1 minute				
3. Contact Resistance	80m ohms max.	100mA				
4. Vibration	No electrical discontinuity of 1 μ s or more	Frequency: 10 to 55 Hz, single amplitude of 0.75 mm, 2 hours in each of the 3 directions.				
5. Humidity (Steady state)	Contact resistance: 100m ohms max.Insulation resistance: 100M ohms min.	96 hours at temperature of 40 \pm 2°C and humidity of 90% to 95%				
6. Temperature Cycle	Contact resistance: 100m ohms max.Insulation resistance: 100M ohms min.	(-55°C: 30 minutes, 15 to 35°C: 2 to 3 minutes 85°C: 30 minutes, 15 to 35°C: 2 to 3 minutes) 5 cycles				
7. Durability (Mating/un-mating)	Contact resistance: 100m ohms max.	50 cycles				
8. Resistance to Soldering heat	No deformation of components affecting performance.	Reflow: At the recommended temperature profile				
MM.In COM.	W WWW.IV.COM. TW	Manual soldering: 360℃ for 5 seconds				

Note 1: Includes temperature rise caused by current flow.

Note 2: The term "storage" refers to products stored for long period of time prior to mounting and use. Operating Temperature Range and Humidity range covers non conducting condition of installed connectors in storage, shipment or during transportation.

Note 3: Slight variations in color of the plastic compounds do not affect form, fit or function of the connector.

Note 4: FX8C-*P-SV(*),FX8C-*S-SV(*) is gold plated.

Note 5: Information contained in this catalog represents general requirements for this Series. Contact us for the drawings and specifications for a specific part number shown.

■Material

Part	Material	Fir	nish	Remarks		
Insulator	Light	brown	UL94V-0			
Header Contact	Phosphor bronze	Contact area Lead area	Gold plated Tin plated(Note 4)	V.100X.COM.TW		
Receptacle Contact	Phosphor bronze	Contact area Lead area	Gold plated Tin plated(Note 4)	W.100X.COM.TV		

■Ordering Information

●Single Product

Series Name: FX8C	⑤ Product height variation Blank : Standard (Minimum low profile)
Number of Contacts :60, 80, 100, 120, 140	1: +1mm · · · · · 6:+6mm
© Connector type P :Header S :Receptacle	⑤ Packaging Type (71): Tray packaging
Contact type SV :Board vertical type	(91) : Tube packaging (92) : Embossed tape package

•two-piece Connection Product

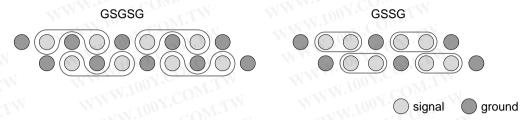
① Series Name :FX8	BC COM	Connector to Connector Pitch						
2 Number of Contact	s: 60×2, 80×2, 100×2,	5 Contact type SV : Board vertical type						
Mil	120×2, 140×2	Product Height Variation Blank : Standard (Minimum lot profile)						
M	Example: 120/120 = 240 contacts	1:+1mm · · · · · 6:+6mm						
3 Connector Type :	P : Header	J: two-piece connection product						
1	S : Receptacle							

^{*}The standard packaging of the two-piece connection product is the tray packaging.

■Signal integrity

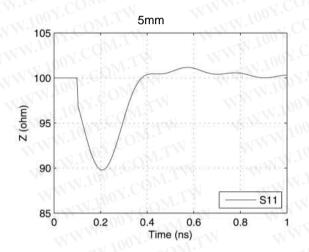
●Pin assignment

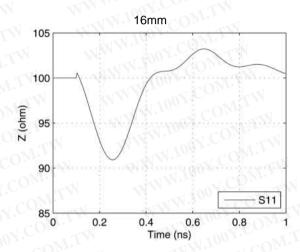
To match 100 ohm differential impedance and to reduce crosstalk, a staggered GSGSG pin assignment is recommended for FX8C of 5mm to 9mm height, and a staggered GSSG pin assignment is recommended for 10mm to 16mm height. (G=ground and S=signal)



●Impedance

The differential impedance is 100 ± 10 ohm for FX8C of 5mm and 16mm height at 100 ps rise time (20% to 80%).



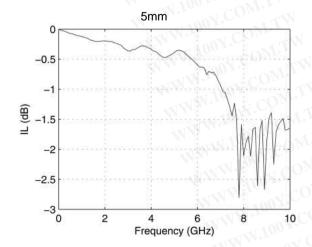


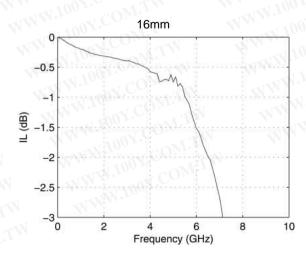
Propagation delay

The propagation delay is 69 and 118 ps for FX8C of 5mm and 16mm height, respectively.

Insertion loss

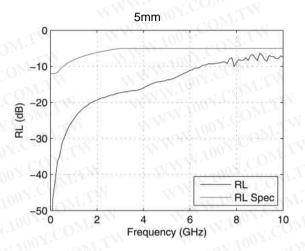
The differential insertion loss crosses 1 dB at 7 and 5 GHz for FX8C of 5mm and 16mm height, respectively.

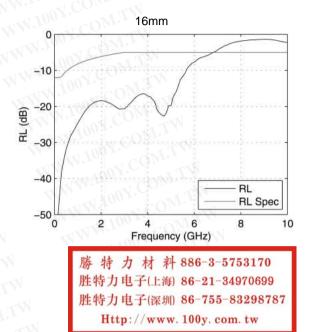




Return loss

The differential return loss meets the IEEE 802.3ap specification to 10 and 7 GHz for FX8C of 5mm and 16mm height, respectively.

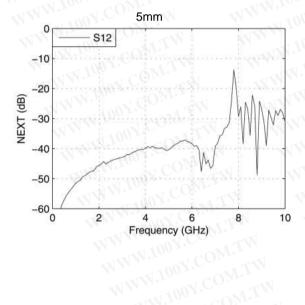


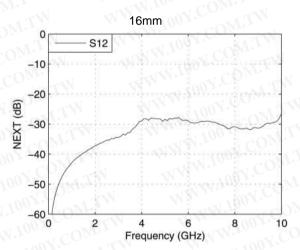


Near-end crosstalk (NEXT)

The staggered GSGSG and GSSG pin assignments resulted in low differential NEXT.

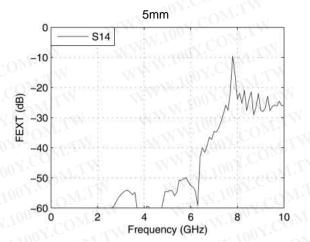
WWW.100Y.COM.

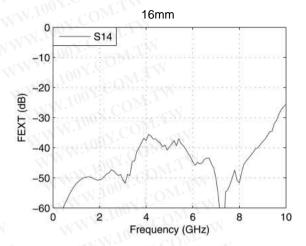




● Far-end crosstalk (FEXT)

The staggered GSGSG and GSSG pin assignments resulted in low differential FEXT.

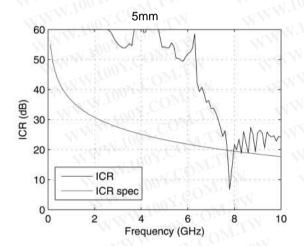


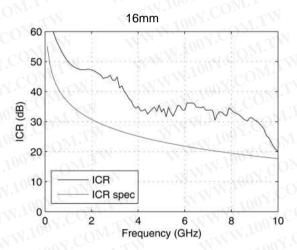


●Insertion-loss-to-crosstalk ratio (ICR)

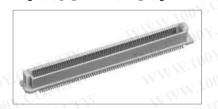
The insertion-loss-to-crosstalk ratio (ICR) with multi-aggressor* differential FEXT meets the extrapolated IEEE 802.3ap specification to 7+ GHz with plenty of margins.

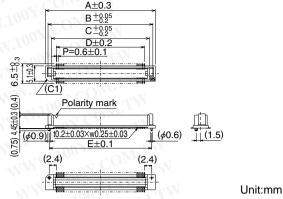
WWW.100Y.COM





■Header (Single Product) [FX8C-**P-SV]





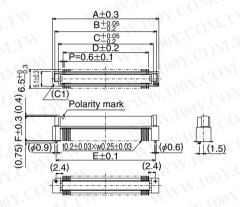
Part Number	CL No.	Number of Contacts	Α	В	С	D	F.	Tube packaging Quantity (Pieces)	RoHS
FX8C- 60P-SV(92)	578-0501-9-92	60	24.60	23.00	20.70	17.40	22.20	21	
FX8C- 80P-SV(92)	578-0503-4-92	80	30.60	29.00	26.70	23.40	28.20	17	
FX8C-100P-SV(92)	578-0505-0-92	100	36.60	35.00	32.70	29.40	34.20	14	YES
FX8C-120P-SV(92)	578-0506-2-92	120	42.60	41.00	38.70	35.40	40.20	12	
FX8C-140P-SV(92)	578-0507-5-92	140	48.60	47.00	44.70	41.40	46.20	10	

**71: Tray packaging product 91: Tube packaging product 92: Embossed tape packaging product Note 1: To order the tube packaging product, please determine the quantity for delivery, multiplying the tube packaging product by an integer. Note 2: The embossed tape packaging product is prepared for 60 and 80 contacts only. In addition, the product will be procured per reel unit. Please refer to the delivery form item on page 12 for details.

Note 3: Tray packaging product is not for board placement with automatic equipment.

FX8C-**P-SV1 FX8C-**P-SV2 FX8C-**P-SV4 FX8C-**P-SV6





Unit: mm

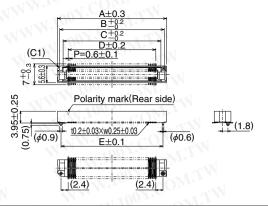
Part Number	CL No.	Number of Contacts	Α	В	C	D	E	F	Tube packaging Quantity (Pieces)	RoHS
FX8C- 60P-SV1(92)	578-0521-6-92	WIII	-41	W.100	- 001	1.1		5.45	1100X'COM	- 1
FX8C- 60P-SV2(92)	578-0541-3-92	60	24.00	22.00	20.70	0.70 17.40	00.00	6.45		TW
FX8C- 60P-SV4(92)	578-0581-8-92	60	24.60	23.00	23.00 20.70	17.40	22.20	8.45	21	W
FX8C- 60P-SV6(92)	578-0601-3-92	W.T.		- T.V.1	10 2.	$0M_{T_{I}}$		10.45	JW.100 - CO	17. 7
FX8C- 80P-SV1(92)	578-0523-1-92	WT.	V	NA .	100 X.C	Time	M	5.45	1007.	MIN
FX8C- 80P-SV2(92)	578-0543-9-92	COMP	20.00	00.00	26.70	23.40	00.00	6.45	M. 1201.Cr	
FX8C- 80P-SV4(92)	578-0583-3-92	80	30.60	29.00			28.20	8.45	WW.1700Y.C	
FX8C- 80P-SV6(92)	578-0603-9-92				1001		TW	10.45		YES
FX8C-100P-SV1(92)	578-0525-7-92	COMP		THE WAY	IN N. CC	A.COL	COM	5.45	WW 100Y WW 14 WWW.100Y	
FX8C-100P-SV2(92)	578-0545-4-92	100	36.60	0 35.00	32.70	29.40	04.00	6.45		
FX8C-100P-SV4(92)	578-0585-9-92	100			.00 32.70	29.40	34.20	8.45		
FX8C-100P-SV6(92)	578-0605-4-92	TO COMP.				LOV.CL		10.45		
FX8C-120P-SV1(92)	578-0526-0-92	100 J. COM.		44.00	WW.1	00 Y.C	$O_{M^{*}r}$	5.45	12	
FX8C-120P-SV2(92)	578-0546-7-92	100	40.00				40.00	6.45		
FX8C-120P-SV4(92)	578-0586-1-92	120	42.60	41.00	38.70	35.40	40.20	8.45		
FX8C-120P-SV6(92)	578-0606-7-92	1 100 1.	1.7		- 17	1.700	MOD	10.45		
FX8C-140P-SV1(92)	578-0527-2-92	A TOON TOO			M. M.	-1100		5.45	W.	
FX8C-140P-SV2(92)	578-0547-0-92	111. 140 CO	40.00	47.00	44.70	41.40	46.20	6.45	─ 10	
FX8C-140P-SV4(92)	578-0587-4-92	140	48.60	47.00	44.70			8.45		
FX8C-140P-SV6(93)	578-0607-0-93	AM TOOK C.		W		-110	07.0	10.45	N.	

** 71: Tray packaging product 91: Tube packaging product 92: Embossed tape packaging product
Note 1: To order the tube packaging product, please determine a quantity for delivery,multiplying the tube packaging product by an integer.
Note 2: The embossed tape packaging product is prepared for 60 and 80 contacts only. In addition, the product will be sold per reel unit.
Please refer to the packaging specification item on page 12 for details.
Note 3: The locator material is installed between leads for the FX8C-P-SV6 type.

Note 4: Tray packaging product is not for board placement with automatic equipment. Note 5: (93) spec is with vacuum pick-up tape, embossed tape packaging product.

■ Receptacle (Single Product) [FX8C-**S-SV]





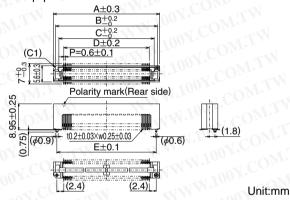
Unit:mm

Part Number	CL No.	Number of Contacts	Α	В	С	D	E	Tube packaging Quantity (Pieces)	RoHS
FX8C- 60S-SV(92)	578-0801-2-92	60	24.60	23.05	20.80	17.40	22.20	CO 21	
FX8C- 80S-SV(92)	578-0803-8-92	80	30.60	29.05	26.80	23.40	28.20	CO 17	
FX8C-100S-SV(92)	578-0805-3-92	100	36.60	35.05	32.80	29.40	34.20	14	YES
FX8C-120S-SV(92)	578-0806-6-92	120	42.60	41.05	38.80	35.40	40.20	12	
FX8C-140S-SV(92)	578-0807-9-92	140	48.60	47.05	44.80	41.40	46.20	10	

- ** 71: Tray packaging product 91: Tube packaging product 92: Embossed tape packaging product Note 1: To order the tube packaging product, please determine a quantity for delivery, multiplying the tube packaging product by an integer.
- Note 2: The embossed tape packaging product is prepared for 60 and 80 contacts only. In addition, the product will be procured per reel unit. Please refer to the packaging specification item on page 12 for details.
- Note 3: Tray packaging product is not for board placement with automatic equipment.

[FX8C-**S-SV5]

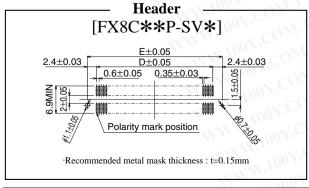


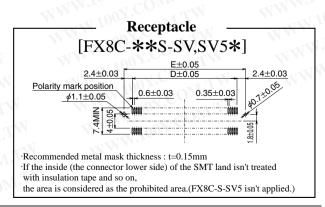


			- 1	1 7 7		.~			
Part Number	CL No.	Number of Contacts	Α	В	С	DO	E	Tube packaging Quantity (Pieces)	RoHS
FX8C- 60S-SV5(92)	578-0821-0-92	60	24.60	23.05	20.80	17.40	22.20	21	×1 C(
FX8C- 80S-SV5(92)	578-0823-5-92	80	30.60	29.05	26.80	23.40	28.20	17	11.
FX8C-100S-SV5(92)	578-0825-0-92	100	36.60	35.05	32.80	29.40	34.20	14	YES
FX8C-120S-SV5(92)	578-0826-3-92	120	42.60	41.05	38.80	35.40	40.20	12	100Y
FX8C-140S-SV5(92)	578-0827-6-92	140	48.60	47.05	44.80	41.40	46.20	10	. 007

- ** 71: Tray packaging product 91: Tube packaging product 92: Embossed tape packaging product
- Note 1: To order the tube packaging product, please determine a quantity for delivery multiplying the tube packaging product by an integer.
- Note 2: The embossed tape package product is prepared for 60 and 80 contacts only. In addition, the product will be procured per reel unit. Please refer to the packaging specification item on page 12 for details.
- Note 3: Tray packaging product is not for board placement with automatic equipment.

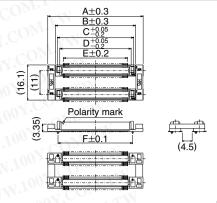
■PCB mounting pattern





■Header (two-piece Connection Product) [FX8C-**/**P11-SVJ]





Unit:mm

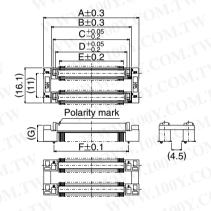
Part Number	CL No.	Number of Contacts	Α	В	С	D	E	F	RoHS
FX8C- 60/ 60P11-SVJ(71)	578-0651-1-71	60×2	31.70	24.70	23.00	20.70	17.40	22.20	
FX8C- 80/ 80P11-SVJ(71)	578-0653-7-71	80×2	37.70	30.70	29.00	26.70	23.40	28.20	
FX8C-100/100P11-SVJ(71)	578-0655-2-71	100×2	43.70	36.70	35.00	32.70	29.40	34.20	YES
FX8C-120/120P11-SVJ(71)	578-0656-5-71	120×2	49.70	42.70	41.00	38.70	35.40	40.20	
FX8C-140/140P11-SVJ(71)	578-0657-8-71	140×2	55.70	48.70	47.00	44.70	41.40	46.20	1

Note 1: The two-piece connection product is packaged by tray.

Note 2: Tray packaging product is not for board placement with automatic equipment.

[FX8C-**/**P11-SV1J] [FX8C-**/**P11-SV2J] [FX8C-**/**P11-SV4J] [FX8C-**/**P11-SV6J]





Unit: mm

Part Number	CL No.	Number of Contacts	Α	BOO	С	D	Е	W F	G	H	RoHS
FX8C- 60/ 60P11-SV1J(71)	578-0671-9-71	IA.	WW	Mos	V.CU	W		WW	4.35	5.45	M.TW
FX8C- 60/ 60P11-SV2J(71)	578-0691-6-71	60×2	04.70	04.70	00.00	00.70	<14 7 40	00.00	5.35	6.45	
FX8C- 60/ 60P11-SV4J(71)	578-0731-9-71		31.70	24.70	23.00	20.70	17.40	22.20	7.35	8.45	MIN
FX8C- 60/ 60P11-SV6J(71)	578-0751-6-71			MM.	ON C		N.	W	9.35	10.45	
FX8C- 80/ 80P11-SV1J(71)	578-0673-4-71	80×2		Wite	Inc	COM.	- *1		4.35	5.45	OM.
FX8C- 80/ 80P11-SV2J(71)	578-0693-1-71		07.70	30.70	29.00	26.70	00.40	00.00	5.35	6.45	LOW!
FX8C- 80/ 80P11-SV4J(71)	578-0733-4-71		37.70				23.40	28.20	7.35	8.45	COM
FX8C- 80/ 80P11-SV6J(71)	578-0753-1-71				W.100	- 001			9.35	10.45	
FX8C-100/100P11-SV1J(71)	578-0675-0-71	M.C.		11 44	25.00	MIM		4.35	5.45	1.00	
FX8C-100/100P11-SV2J(71)	578-0695-7-71	400.40	43.70	36.70		00.70	00.40	04.00	5.35	6.45	VEC
FX8C-100/100P11-SV4J(71)	578-0735-0-71	100×2			35.00	32.70	29.40	34.20	7.35	8.45	YES
FX8C-100/100P11-SV6J(71)	578-0755-7-71	100 Y.C			- x1 1	001.	TIME	11	9.35	10.45	100X.CC
FX8C-120/120P11-SV1J(71)	578-0676-2-71	COM.	TXX	1		100X.	35.40	W	4.35	5.45	
FX8C-120/120P11-SV2J(71)	578-0696-0-71	1100000	10.70					40.00	5.35	6.45	
FX8C-120/120P11-SV4J(71)	578-0736-2-71	120×2	49.70	42.70	41.00	38.70		40.20	7.35	8.45	
FX8C-120/120P11-SV6J(71)	578-0756-0-71	M. To CO			WW	N. 2	$^{1}CO_{2}$	TW	9.35	10.45	
FX8C-140/140P11-SV1J(71)	578-0677-5-71	111.100 x	M_{T_T}	-7	- 1	W.Inc	-7 CO	M. F	4.35	5.45	1
FX8C-140/140P11-SV2J(71)	578-0697-2-71	4.40.40	FF 70	40.70	47.00	44.70	11 10	40.00	5.35	6.45	1
FX8C-140/140P11-SV4J(71)	578-0737-5-71	140×2	×2 55.70	48.70 47.0	47.00 44.70	41.40	46.20	7.35	8.45	1	
FX8C-140/140P11-SV6J(71)	578-0757-2-71	100 1.	coM^{-1}	L * '		WWW.1	00 -		9.35	10.45]

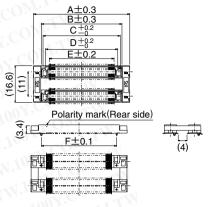
Note 1: The two-piece connection product is packaged by tray.

Note 2: Tray packaging product is not for board placement with automatic equipment.

Note 3: The locator material is installed between leads for the FX8C-**/**P11-SV6J type.

■Receptacle (two-piece Connection Product) [FX8C-**/**S11-SVJ]





Unit:mm

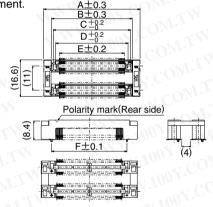
Part Number	CL No.	Number of Contacts	Α	В	C	D	E	F	RoHS
FX8C-060/060S11-SVJ(71)	578-0901-7-71	60×2	31.70	24.60	23.05	20.80	17.40	22.20	
FX8C-080/080S11-SVJ(71)	578-0903-2-71	80×2	37.70	30.60	29.05	26.80	23.40	28.20	
FX8C-100/100S11-SVJ(71)	578-0905-8-71	100×2	43.70	36.60	35.05	32.80	29.40	34.20	YES
FX8C-120/120S11-SVJ(71)	578-0906-0-71	120×2	49.70	42.60	41.05	38.80	35.40	40.20	
FX8C-140/140S11-SVJ(71)	578-0907-3-71	140×2	55.70	48.60	47.05	44.80	41.40	46.20]

Note 1: The two-piece connection product is packaged by tray.

Note 2: Tray packaging product is not for board placement with automatic equipment.

[FX8C-**/**S11-SV5J]





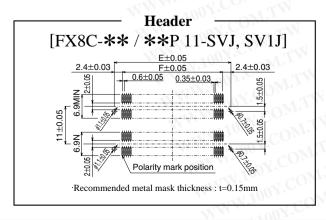
Unit:mm

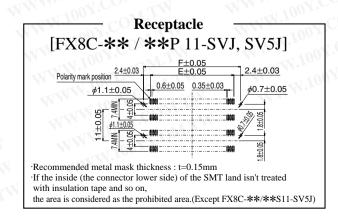
Part Number	CL No.	Number of Contacts	A.	В	√ C	D	E	00 F	RoHS
FX8C-060/060S11-SV5J(71)	578-0921-4-71	60×2	31.70	24.60	23.05	20.80	17.40	22.20	~NIJ
FX8C-080/080S11-SV5J(71)	578-0923-0-71	80×2	37.70	30.60	29.05	26.80	23.40	28.20	$\mathbb{C}_{\mathbf{O}_{N_{\mathbf{T}}}}$
FX8C-100/100S11-SV5J(71)	578-0925-5-71	100×2	43.70	36.60	35.05	32.80	29.40	34.20	YES
FX8C-120/120S11-SV5J(71)	578-0926-8-71	120×2	49.70	42.60	41.05	38.80	35.40	40.20	CON
FX8C-140/140S11-SV5J(71)	578-0927-0-71	140×2	55.70	48.60	47.05	44.80	41.40	46.20	, c0

Note 1: The two-piece connection product is packaged by tray.

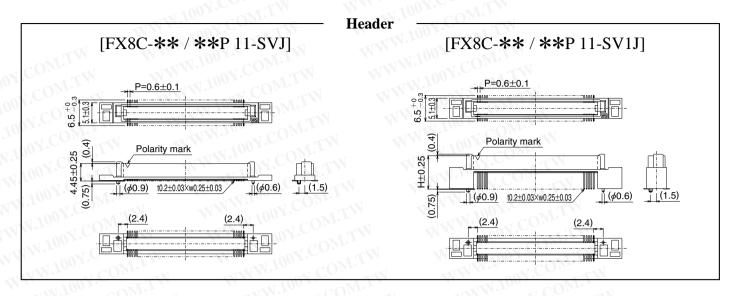
Note 2: Tray packaging product is not for board placement with automatic equipment.

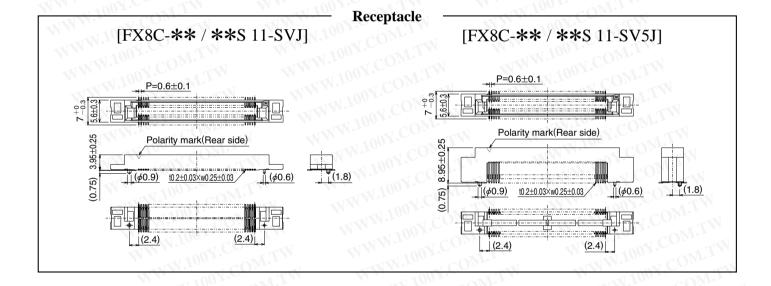
■PCB mounting pattern





■Detailed Figure After Joint Removal (Single Product in two-piece Connection Product)





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■Connector Precautions

1. Tolerance Clearance on Mating Side

The effective contact length of the product is set to 2.0mm. Please use the product so as to set to less than 1.2mm the clearance between the header and the receptacle in the mating process.

2. Fixation Between Mounting Boards

If this product is fixed only by mating force, Please consider the fixing method so as not to apply loads such as vibration, shock and so on.

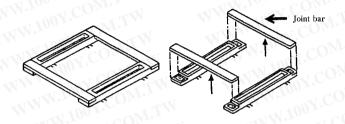
3. Stacking General Tolerance in Mating

Stack Amm
$$\longrightarrow$$
 A $^{+0.3}_{-0.2}$ mm

Note: Please Note that the above tolerance of the stacking height doesn't include the solder paste thickness.

4. Handling Two-piece Connection Product

Both joint bar edges of the two-piece connection product are fixed by joints, while the mating process can't be performed in that state. Before the mating process, please remove the joint bars as if pull it up. (Don't remove the joint bars before mounting on the board.)



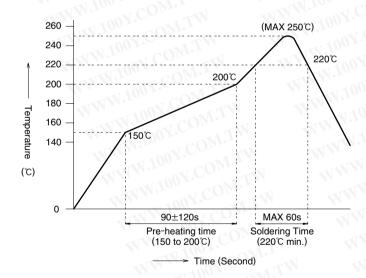




Before removing joint bar

After removing joint bar

5. Mounting Temperature Profile (Reference)



HRS test conditions

Test boardGlass epoxy 161mm×100mm×1.6mm thick

Solder method :Reflow Solder composition :Paste,

96.5%Sn/3%Ag/0.5%Cu

Metal mask : 0.15mm thick Reflow cycles : 2 cycles

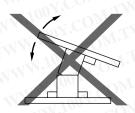
The temperature profile is based on the above conditions.

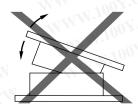
In individual applications the actual temperature may vary, depending on solder paste type,

volume/thickness and board size/thickness. Consult your solder paste and equipment manufacturer for specific recommendations.

6. Cautions

This product is made as the thin formed product in order to be miniaturized.





■Packaging Type

■Packaging Type	9	WWW.100	OY.COM.T	LM M				
Packaging Type	Number of Contacts	60 contacts	80 contacts	100 contacts	120 contacts	140 contacts		
Tube packaging	Packaged Product Pieces	21 pieces 17 pieces		14 pieces	12-pieces	10pieces		
	Sales Unit Deliver the multiplied pieces. (Example) In case of 60 contacts,21 pieces, 42-pieces,							
	Total Tube Length	al Tube Length 550mm±2mm						
CONTRACTOR WY	Tape Width	44	nm 5		mm	72mm		
	Product Pitch	12mm						
Embossed Tape Packaging	Emboss Reel Diameter	W W	Refer to the ta	able on page 13	in this catalog.			
	Packaged Product Pieces		Refer to the ta	able on page 13	in this catalog.			
	Sales Unit		M.100	Per reel	Ĭ.			

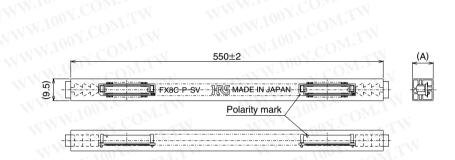
^{*}The above packaging type is, as listed for the single product only. In addition, the packaging type of the two-piece connection product is the tray packaging.

■Packaging Specification

[Tube packaging]

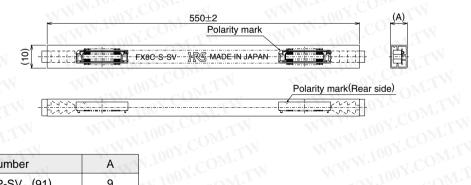
●Header

[FX8-**P-SV (91)] [FX8-**P-SV1 (91)] [FX8-**P-SV2 (91)] [FX8-**P-SV4 (91)] [FX8-**P-SV6 (91)]



Receptacle

[FX8C-**S-SV (91)] [FX8C-**S-SV5 (91)]



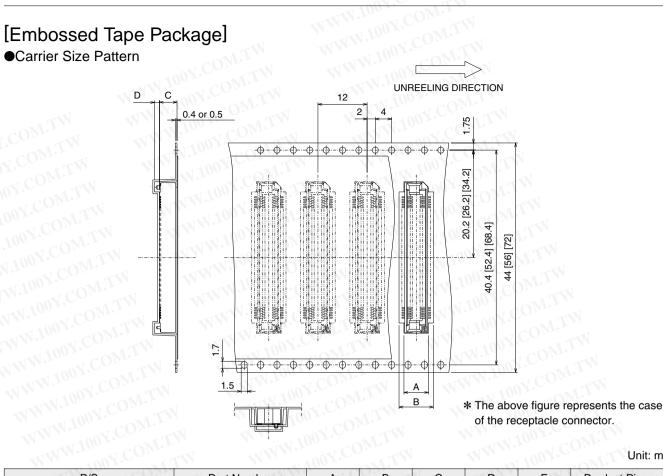
P/S	Part Number	A
	FX8C-**P-SV (91)	9
	FX8C-**P-SV1 (91)	10
Header	FX8C-**P-SV2 (91)	11 11
	FX8C-**P-SV4 (91)	13
Header	FX8C-**P-SV6 (91)	15
Decentorio	FX8C-**S-SV (91)	7.4
Receptacle	FX8C-**S-SV5 (91)	12.4

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[Embossed Tape Package]

Carrier Size Pattern

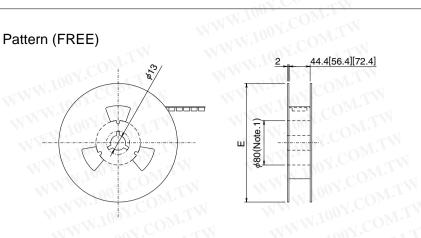


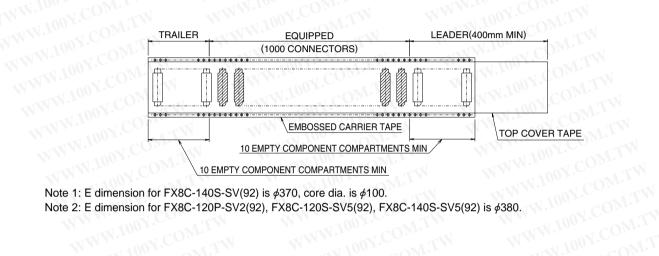
Unit: mm

P/S	Part Number	A	В	N C	D	EOY.	Product Pieces
ANN TOO	FX8C-**P-SV (92)	5.5	7.9	5.2	1.2	φ370	1000 pieces
	FX8C-**P-SV1 (92)	5.5	7.9	6.2	1.2	<i>φ</i> 370	1000 pieces
Header	FX8C-**P-SV2 (92)	5.5	7.9	7.2	1.2	<i>φ</i> 330	500 pieces
	FX8C-**P-SV4 (92)	5.5	7.9	9.2	1.2	φ370	500 pieces
	FX8C-**P-SV6 (92)	5.5	7.9	11.2	1.2	<i>φ</i> 370	1000 pieces 500 pieces
Desentado	FX8C-**S-SV (92)	6.0	8.4	4.3	1.2	<i>φ</i> 330	1000 pieces
Receptacle	FX8C-**S-SV5 (92)	6.0	8.4	9.3	1.2	<i>φ</i> 370	500 pieces

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● Reel State Size Pattern (FREE)





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Note 1: E dimension for FX8C-140S-SV(92) is ϕ 370, core dia. is ϕ 100.

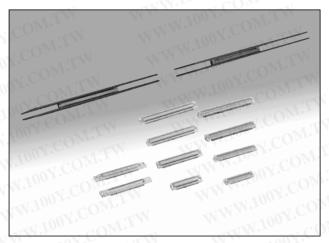
WWW.100Y.COM.TW Note 2: E dimension for FX8C-120P-SV2(92), FX8C-120S-SV5(92), FX8C-140S-SV5(92) is ∮380. WWW.100X.COM.



0.6mm Pitch Stacking Height 3mm to 16mm Connector

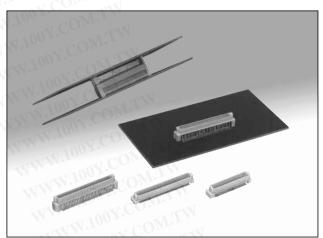
FX8, FX8C Series

FX8 Series



Note that FX8 series and FX8C series are not mated with each other.

FX8C Series



Features

1. Stacking Height 3mm to 16mm available The board to board stacking height can correspond to 3mm~16mm.

2. SMT Coplanarity

The coplanarity of the SMT solder area lead is maintained at the high accuracy of less than 0.1mm.

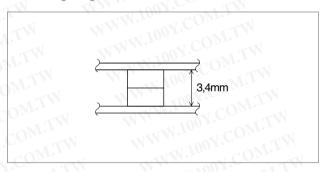
3. Mating Guide

The very small and guide rib is provided, and secures ± 0.6 mm self-alignment, considering the mating operativity into accounts.

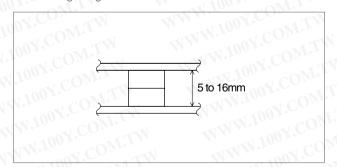
4. Mis-insertion Prevention

The boss prevents mis-insertion in the board to cause due to the boss position and boss diameter.

Stacking Height 3,4mm-FX8 Series



Stacking Height 5 to 16mm-FX8C Series



Applications

Note pc, business equipments, which require miniaturization or light-weight WWW.100Y.COM.T

WW.100Y.COM.

FX8C Series

■Product Specifications

Detin a	Current rating 0.4A	Operating Temperature Range −55°C to -	+85°C Note 1. Storage Temperature Range	-10°C to +60°C Note 2.
Rating	Voltage rating 100V AC	Operating Humidity Range 40% to	80% Storage Humidity Range	40% to 70%

Item	Specification	Condition
1. Insulation Resistance	100M ohms min.	250V DC
2. Withstanding voltage	No flashover or insulation breakdown.	300V AC/1 minute
3. Contact Resistance	80m ohms max.	100mA
4. Vibration	No electrical discontinuity of 1 μ s or more	Frequency: 10 to 55 Hz, single amplitude of 0.75 mm, 2 hours in each of the 3 directions.
5. Humidity (Steady state)	Contact resistance: 100m ohms max.Insulation resistance: 100M ohms min.	96 hours at temperature of 40°C and humidity of 90% to 95%
6. Temperature Cycle	Contact resistance: 100m ohms max.Insulation resistance: 100M ohms min.	(-55°C: 30 minutes, 15 to 35°C: 2 to 3 minutes 85°C: 30 minutes, 15 to 35°C: 2 to 3 minutes) 5 cycles
7. Durability (Mating/un-mating)	Contact resistance: 100m ohms max.	50 cycles
8. Resistance to Soldering heat	No deformation of components affecting performance.	Reflow: At the recommended temperature profile
M.M. Ing COM.	M MAM. TO COM.	Manual soldering: 360℃ for 5 seconds

Note 1: Includes temperature rise caused by current flow.

Note 2: The term "storage" refers to products stored for long period of time prior to mounting and use. Operating Temperature Range and Humidity range covers non conducting condition of installed connectors in storage, shipment or during transportation.

Note 3: Slight variations in color of the plastic compounds do not affect form, fit or function of the connector.

Note 4: FX8C-*P-SV(*),FX8C-*S-SV(*) is gold plated.

Note 5: Information contained in this catalog represents general requirements for this Series. Contact us for the drawings and specifications for a specific part number shown.

■Material

Remarks	
UL94V-0	
V.100X.COMP.TW	
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■Ordering Information

●Single Product

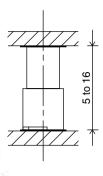
Series Name: FX8C	Product height variation Blank : Standard (Minimum low profile)
2 Number of Contacts :60, 80, 90, 120, 140	1: +1mm · · · · · 3:+3mm
Connector type P :Header	6 Packaging Type
S :Receptacle	(71) : Tray packaging
Contact type SV :Board vertical type	(91) : Tube packaging
	(92) : Embossed tape package

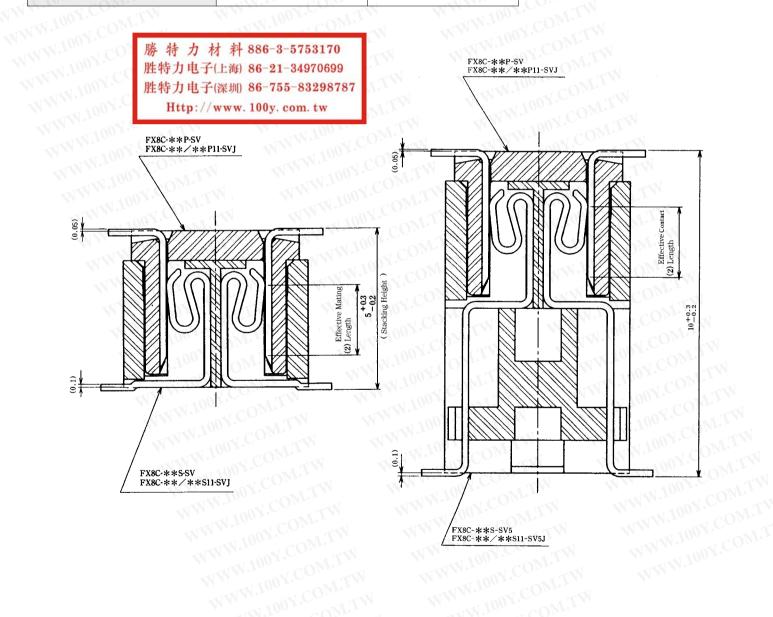
•two-piece Connection Product

Series Name :FX8	SC COMP	4 Connector to Connector Pitch
2 Number of Contact	s: 60×2, 80×2, 90×2,	© Contact type SV : Board vertical type
	100×2, 120×2, 140×2	© Product Height Variation Blank : Standard (Minimum lot profile)
	Example: 120/120 = 240 contacts	1:+1mm · · · · · 3:+3mm
3 Connector Type :	P : Header	J: two-piece connection product
	S : Receptacle	W

^{*}The standard packaging of the two-piece connection product is the tray packaging.

Stacking Height Vari	ation wy	
Receptacle Header	FX8C-**S-SV FX8C-**/**S11-SVJ	FX8C-**S-SV5 FX8C-**/**S11-SV5J
FX8C-**P-SV FX8C-**/**P11-SVJ	5mm	10mm
FX8C-**P-SV1 FX8C-**/**P11-SV1J	6mm	11mm y.Co
FX8C-**P-SV2 FX8C-**/**P11-SV2J	7mm	12mm
FX8C-**P-SV4 FX8C-**/**P11-SV4J	9mm	14mm
FX8C-**P-SV6 FX8C-**/**P11-SV6J	WW.100mmOM.TV	16mm

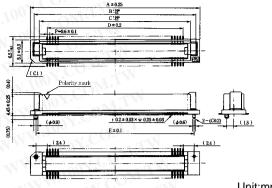




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■Header (Single Product) [FX8C-**P-SV]





Unit:mm

Part Number	CL No.	Number of Contacts	Α	В	С	D	ASE.	Tube packaging Quantity (Pieces)	RoHS
FX8C- 60P-SV(92)	578-0501-9-92	60	24.60	23.00	20.70	17.40	22.20	21	
FX8C- 80P-SV(92)	578-0503-4-92	80	30.60	29.00	26.70	23.40	28.20	17	1
FX8C-100P-SV(92)	578-0505-0-92	100	36.60	35.00	32.70	29.40	34.20	14	YES
FX8C-120P-SV(92)	578-0506-2-92	120	42.60	41.00	38.70	35.40	40.20	12	
FX8C-140P-SV(92)	578-0507-5-92	140	48.60	47.00	44.70	41.40	46.20	10	

**71: Tray packaging product 91: Tube packaging product

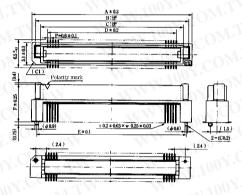
92 : Embossed tape packaging product
Note 1: To order the tube packaging product, please determine the quantity for delivery, multiplying the tube packaging product by an integer.

Note 2: The embossed tape packaging product is prepared for 60 and 80 contacts only. In addition, the product will be procured per reel unit. Please refer to the delivery form item on page A182 for details.

Note 3: Tray packaging product is not for board placement with automatic equipment.







Unit: mm

Part Number	CL No.	Number of Contacts	Α	В	C	D	E	F	Tube packaging Quantity (Pieces)	RoHS
FX8C- 60P-SV1(92)	578-0521-6-92	Will	-41	W.100	- 001	1.1		5.45	1. Ton COM.	- 1
FX8C- 60P-SV2(92)	578-0541-3-92	60	24.00	22.00	20.70	17.10	22.20	6.45	100%	TW
FX8C- 60P-SV4(92)	578-0581-8-92	60	24.60	23.00	20.70	17.40	22.20	8.45	21	W
FX8C- 60P-SV6(92)	578-0601-3-92	W.T.W		- T.V.1	10 2.	M		10.45	1W.100	17. 7
FX8C- 80P-SV1(92)	578-0523-1-92	.Vo	V	1	100 X.C	Time	N	5.45	1007.	MIN
FX8C- 80P-SV2(92)	578-0543-9-92	COMP	20.00	00.00	00.70	00.40	00.00	6.45	M. 1201.Cr	
FX8C- 80P-SV4(92)	578-0583-3-92	80	30.60	29.00	26.70	23.40	28.20	8.45	17	
FX8C- 80P-SV6(92)	578-0603-9-92	Y.Co.			1001		TW	10.45	M 1 100 X	.ov.
FX8C-100P-SV1(92)	578-0525-7-92	A COMP.		THE WAY	MM. T. COM	5.	34.20 5.45 6.45 8.45	5.45	WWW.	$Co_{r_{r_{r_{r_{r_{r_{r_{r_{r_{r_{r_{r_{r_$
FX8C-100P-SV2(92)	578-0545-4-92	100	20.00	25.00	00.70	29.40		, MNJao	YES	
FX8C-100P-SV4(92)	578-0585-9-92	100	36.60	35.00	32.70	29.40 34.20		14 100	IES	
FX8C-100P-SV6(92)	578-0605-4-92	A COMP.	N. N.	***	MN	. Cl		10.45	WWW.	Y.Co.
FX8C-120P-SV1(92)	578-0526-0-92	1100 J. COM.		7	W.100 - CC	$O_{M^{*}r}$	5.45	, TANN TO	-7 CC	
FX8C-120P-SV2(92)	578-0546-7-92	100	10.00	44.00	44.00	25.40	40.00	6.45	10	01.
FX8C-120P-SV4(92)	578-0586-1-92	120	42.60	41.00	38.70	35.40	40.20	8.45	12	
FX8C-120P-SV6(92)	578-0606-7-92	1001.	1.7		- 17	1.700	MOD	10.45		100 × 7 (
FX8C-140P-SV1(92)	578-0527-2-92	A TOOK CO.			M. M.	-1100		5.45	M.	
FX8C-140P-SV2(92)	578-0547-0-92	110 CO	40.00	47.00	44.70	44.40	40.00	6.45	10	
FX8C-140P-SV4(92)	578-0587-4-92	140	48.60	47.00	44.70	41.40	46.20	8.45	10	
FX8C-140P-SV6(93)	578-0607-0-93	AM TOOK C		W		-116	01.0	10.45	1	

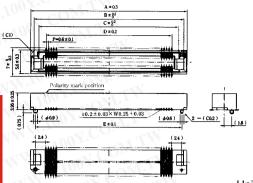
** 71: Tray packaging product 91: Tube packaging product 92: Embossed tape packaging product Note 1: To order the tube packaging product, please determine a quantity for delivery, multiplying the tube packaging product by an integer. Note 2: The embossed tape packaging product is prepared for 60 and 80 contacts only. In addition, the product will be sold per reel unit.

Please refer to the packaging specification item on page A182 for details. Note 3: The locator material is installed between leads for the FX8C-P-SV6 type.

Note 4: Tray packaging product is not for board placement with automatic equipment. Note 5: (93) spec is with vacuum pick-up tape, embossed tape packaging product.







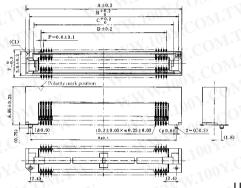
U	Ini	t:	m	٦r	n

Part Number	CL No.	Number of Contacts	Α	В	С	D	E	Tube packaging Quantity (Pieces)	RoHS
FX8C- 60S-SV(92)	578-0801-2-92	60	24.60	23.05	20.80	17.40	22.20	21 V	
FX8C- 80S-SV(92)	578-0803-8-92	80	30.60	29.05	26.80	23.40	28.20	CO 17	
FX8C-100S-SV(92)	578-0805-3-92	100	36.60	35.05	32.80	29.40	34.20	14	YES
FX8C-120S-SV(92)	578-0806-6-92	120	42.60	41.05	38.80	35.40	40.20	12	
FX8C-140S-SV(92)	578-0807-9-92	140	48.60	47.05	44.80	41.40	46.20	10	

- ** 71: Tray packaging product 91: Tube packaging product 92: Embossed tape packaging product Note 1: To order the tube packaging product, please determine a quantity for delivery, multiplying the tube packaging product by an integer.
- Note 2: The embossed tape packaging product is prepared for 60 and 80 contacts only. In addition, the product will be procured per reel unit. Please refer to the packaging specification item on page A182 for details.
- Note 3: Tray packaging product is not for board placement with automatic equipment.

FX8C-**S-S



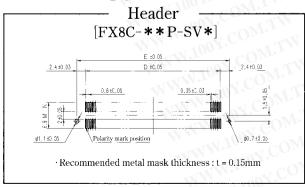


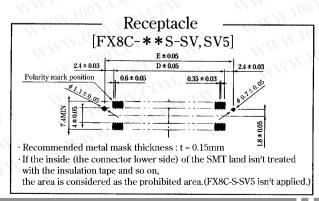
ι	J	ni	t:	m	n	1

Part Number	CL No.	Number of Contacts	Α	В	С	DO	E	Tube packaging Quantity (Pieces)	RoHS
FX8C- 60S-SV5(92)	578-0821-0-92	60	24.60	23.05	20.80	17.40	22.20	21	~1 C(
FX8C- 80S-SV5(92)	578-0823-5-92	80	30.60	29.05	26.80	23.40	28.20	17	07.0
FX8C-100S-SV5(92)	578-0825-0-92	100	36.60	35.05	32.80	29.40	34.20	14	YES
FX8C-120S-SV5(92)	578-0826-3-92	120	42.60	41.05	38.80	35.40	40.20	12	1001
FX8C-140S-SV5(92)	578-0827-6-92	140	48.60	47.05	44.80	41.40	46.20	10	1004

- ** 71: Tray packaging product 91: Tube packaging product 92: Embossed tape packaging product Note 1: To order the tube packaging product, please determine a quantity for delivery, multiplying the tube packaging product by an integer.
- Note 2: The embossed tape package product is prepared for 60 and 80 contacts only. In addition, the product will be procured per reel unit. Please refer to the packaging specification item on page A182 for details.
- Note 3: Tray packaging product is not for board placement with automatic equipment.

PCB mounting pattern

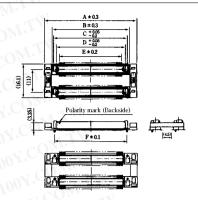




■Header (two-pieces Connection Product) [FX8C-**/**P11-SVJ]



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Unit:mm

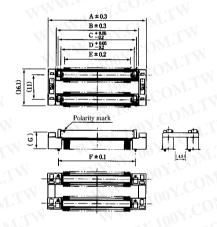
Part Number	CL No.	Number of Contacts	Α	В	С	D	E	F	RoHS
FX8C- 60/ 60P11-SVJ(71)	578-0651-1-71	60×2	31.70	24.70	23.00	20.70	17.40	22.20	
FX8C- 80/ 80P11-SVJ(71)	578-0653-7-71	80×2	37.70	30.70	29.00	26.70	23.40	28.20	
FX8C-100/100P11-SVJ(71)	578-0655-2-71	100×2	43.70	36.70	35.00	32.70	29.40	34.20	YES
FX8C-120/120P11-SVJ(71)	578-0656-5-71	120×2	49.70	42.70	41.00	38.70	35.40	40.20	
FX8C-140/140P11-SVJ(71)	578-0657-8-71	140×2	55.70	48.70	47.00	44.70	41.40	46.20	1

Note 1: The two-piece connection product is packaged by tray.

Note 2: Tray packaging product is not for board placement with automatic equipment.

FX8C-**/**P11-SV1J FX8C-**/**P11-SV2J FX8C-**/**P11-SV4J [FX8C-**/**P11-SV6J]





Unit: mm

Part Number	CL No.	Number of Contacts	Α	В	С	D	E	Y F	G	H	RoHS
FX8C- 60/ 60P11-SV1J(71)	578-0671-9-71	IN TO STATE OF THE PARTY OF THE	WIN	111.5	V.CO	W		WW	4.35	5.45	WT
FX8C- 60/ 60P11-SV2J(71)	578-0691-6-71	000/0	04.70	04.70	00.00	00.70	17.40	00.00	5.35	6.45	Mr. z
FX8C- 60/ 60P11-SV4J(71)	578-0731-9-71	60×2	31.70	24.70	23.00	20.70	17.40	22.20	7.35	8.45	MIN
FX8C- 60/ 60P11-SV6J(71)	578-0751-6-71	COMP	**	MM.	OV.C	OM	W	W	9.35	10.45	
FX8C- 80/ 80P11-SV1J(71)	578-0673-4-71	COM:		Wite	Ing	COM.	- T		4.35	5.45	OMr.
FX8C- 80/ 80P11-SV2J(71)	578-0693-1-71	201/0	07.70	00.70	00.00	00.70	00.40	00.00	5.35	6.45	LIMO
FX8C- 80/ 80P11-SV4J(71)	578-0733-4-71	80×2	37.70	30.70	29.00	26.70	23.40	28.20	7.35	8.45	Co
FX8C- 80/ 80P11-SV6J(71)	578-0753-1-71	J. COM',	-		M.100	- 001	1.1		9.35	10.45	COM
FX8C-100/100P11-SV1J(71)	578-0675-0-71	OY.CO TITY		MA	100	N.	VIIV		4.35	5.45	
FX8C-100/100P11-SV2J(71)	578-0695-7-71	400.40	No. 70	00.70	05.00	00.70	00.40	04.00	5.35	6.45	VEC
FX8C-100/100P11-SV4J(71)	578-0735-0-71	100×2	43.70	36.70	35.00	32.70	29.40	34.20	7.35	8.45	YES
FX8C-100/100P11-SV6J(71)	578-0755-7-71	100X.C		W	W .	001.0	TIME	W	9.35	10.45	101.
FX8C-120/120P11-SV1J(71)	578-0676-2-71	COMP	- XX			ON !	JOH .	CVV	4.35	5.45	ONY.C'
FX8C-120/120P11-SV2J(71)	578-0696-0-71	100000	40.70	40.70	44.00	00.70	05.40	40.00	5.35	6.45	- ×1 C
FX8C-120/120P11-SV4J(71)	578-0736-2-71	120×2	49.70	42.70	41.00	38.70	35.40	40.20	7.35	8.45	1001.
FX8C-120/120P11-SV6J(71)	578-0756-0-71	M. TO	VI.		WW	N. 2	A.COR	W	9.35	10.45	
FX8C-140/140P11-SV1J(71)	578-0677-5-71	W.100 x	Mi	- 7		M.Inc	- c0	VI.	4.35	5.45	
FX8C-140/140P11-SV2J(71)	578-0697-2-71	11000	3	40.70	47.00	44.740	11 10	10.00	5.35	6.45	
FX8C-140/140P11-SV4J(71)	578-0737-5-71	140×2	55.70	48.70	47.00	44.70	41.40	46.20	7.35	8.45	1
FX8C-140/140P11-SV6J(71)	578-0757-2-71	, 100 r.	COM.			WW.1	10 -		9.35	10.45	1

Note 1: The two-piece connection product is packaged by tray.

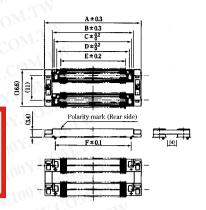
Note 2: Tray packaging product is not for board placement with automatic equipment.

Note 3: The locator material is installed between leads for the FX8C-**/**P11-SV6J type.

■Receptacle (two-piece Connection Product) [FX8C-**/**S11-SVJ]



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Unit:mm

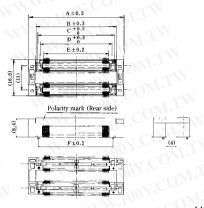
Part Number	CL No.	Number of Contacts	Α	В	C	D	E	F	RoHS
FX8C-060/060S11-SVJ(71)	578-0901-7-71	60×2	31.70	24.60	23.05	20.80	17.40	22.20	
FX8C-080/080S11-SVJ(71)	578-0903-2-71	80×2	37.70	30.60	29.05	26.80	23.40	28.20	
FX8C-100/100S11-SVJ(71)	578-0905-8-71	100×2	43.70	36.60	35.05	32.80	29.40	34.20	YES
FX8C-120/120S11-SVJ(71)	578-0906-0-71	120×2	49.70	42.60	41.05	38.80	35.40	40.20	
FX8C-140/140S11-SVJ(71)	578-0907-3-71	140×2	55.70	48.60	47.05	44.80	41.40	46.20	1

Note 1: The two-piece connection product is packaged by tray.

Note 2: Tray packaging product is not for board placement with automatic equipment.

[FX8C-**/**S11-SV5J]





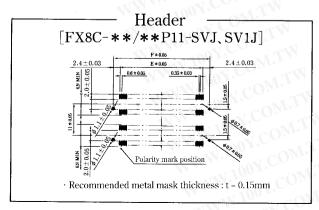
Unit:mm

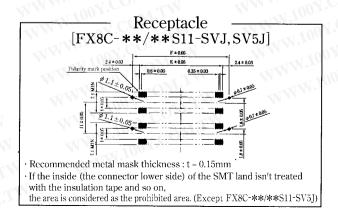
Part Number	CL No.	Number of Contacts	A	В	C	D	N.E.	FC	RoHS
FX8C-060/060S11-SV5J(71)	578-0921-4-71	60×2	31.70	24.60	23.05	20.80	17.40	22.20	$0_{M_{I}}$,
FX8C-080/080S11-SV5J(71)	578-0923-0-71	80×2	37.70	30.60	29.05	26.80	23.40	28.20	OM.
FX8C-100/100S11-SV5J(71)	578-0925-5-71	100×2	43.70	36.60	35.05	32.80	29.40	34.20	YES
FX8C-120/120S11-SV5J(71)	578-0926-8-71	120×2	49.70	42.60	41.05	38.80	35.40	40.20	Cos
FX8C-140/140S11-SV5J(71)	578-0927-0-71	140×2	55.70	48.60	47.05	44.80	41.40	46.20	V.CO

Note 1: The two-piece connection product is packaged by tray.

Note 2: Tray packaging product is not for board placement with automatic equipment.

◆PCB mounting pattern

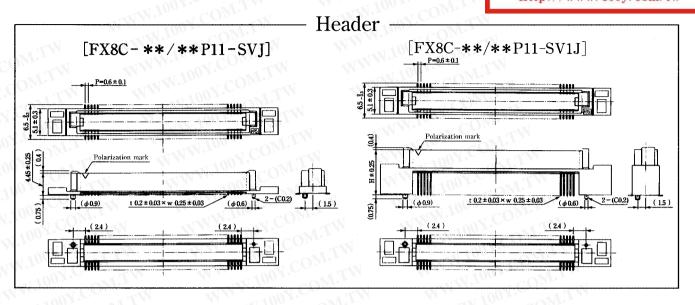


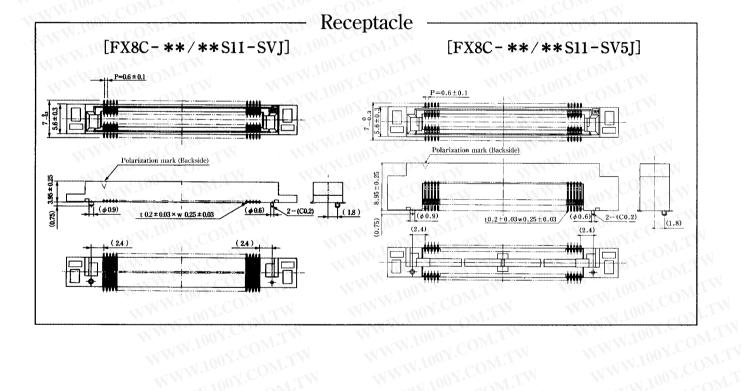


FX8, FX8C Series 0.6mm Pitch Stacking Height 3mm to 16mm Connector

● Detailed Figure After Joint Removal (Single Product in two-piece Connection Product)

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The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.

FX8, FX8C Series 0.6mm Pitch Stacking Height 3mm to 16mm Connector

◆Connector Precautions

1. Tolerance Clearance on Mating Side

The effective contact length of the product is set to 2.0mm. Please use the product so as to set to less than 12mm the clearance between the header and the receptacle in the mating process.

2. Fixation Between Mounting Boards

If this product is fixed only by mating force, Please consider the fixing method so as not to apply loads such as vibration, shock and so on

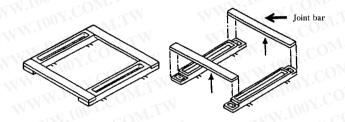
3. Stacking General Tolerance in Mating

Stack Amm
$$\longrightarrow$$
 A $^{+0.3}_{-0.2}$ mm

Note: Please Note that the above tolerance of the stacking height doesn't include the solder paste thickness.

4. Handling Two-piece Connection Product

Both joint bar edges of the two-piece connection product are fixed by joints, while the mating process can't be performed in that state. Before the mating process, please remove the joint bars as if pull it up. (Don't remove the joint bars before mounting on the board.)







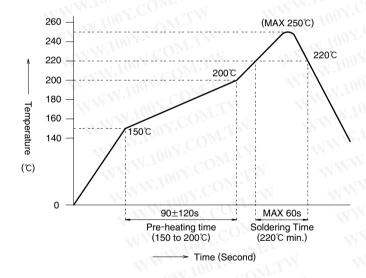
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Before removing joint bar

After removing joint bar

5. Mounting Temperature Profile (Reference)



HRS test conditions

Test boardGlass epoxy 161mm×100mm×1.6mm thick

Solder method :Reflow Solder composition :Paste,

96.5%Sn/3%Ag/0.5%Cu

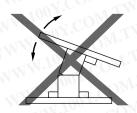
Metal mask : 0.15mm thick Reflow cycles : 2 cycles

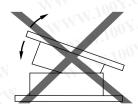
The temperature profile is based on the above conditions.

In individual applications the actual temperature may vary, depending on solder paste type, volume/thickness and board size/thickness. Consult your solder paste and equipment manufacturer for specific recommendations.

6. Cautions

This product is made as the thin formed product in order to be miniaturized.





◆ Packaging Type

Packaging Typ	e	WWW.100	OY.COM.T	N N		
Packaging Type	Number of Contacts	60 contacts	80 contacts	100 contacts	120 contacts	140 contacts
TWY	Packaged Product Pieces	21 pieces	17 pieces	14 pieces	12-pieces	10pieces
Tube packaging	Sales Unit	Deliver the multip	olied pieces. (Exa	mple) In case of 20	contacts,21 piece	es, 4two-pieces,
	Total Tube Length		N.100 x.	550mm±2mm		
CONTACT WY	Tape Width	44	mm	56	mm	72mm
	Product Pitch	N WY	1007.0	12mm		
Embossed Tape Packaging	Emboss Reel Diameter	W W	Refer to the tal	ole on page A18	3 in this catalog.	
	Packaged Product Pieces		Refer to the tal	ole on page A18	3 in this catalog.	
	Sales Unit		100 .	Per reel	VI	

^{*}The above packaging type is, as listed for the single product only. In addition, the packaging type of the two-piece connection product is the tray packaging.

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◆ Packaging Specification

[Tube packaging]

•Header

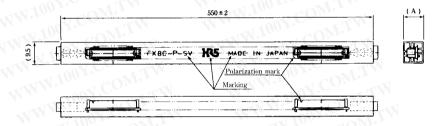
[FX8-**P-SV (91)]

[FX8-**P-SV1 (91)]

[FX8-**P-SV2 (91)]

[FX8-**P-SV4 (91)]

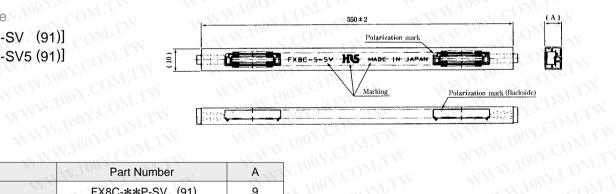
[FX8-**P-SV6 (91)]



Receptacle

[FX8C-**S-SV (91)]

[FX8C-**S-SV5 (91)]



P/S	Part Number	A VI
	FX8C-**P-SV (91)	9
	FX8C-**P-SV1 (91)	10
Header	FX8C-**P-SV2 (91)	11 11 100 1
	FX8C-**P-SV4 (91)	13
	FX8C-**P-SV6 (91)	15
Dagantagla	FX8C-**S-SV (91)	7.4
Receptacle	FX8C-**S-SV5 (91)	12.4

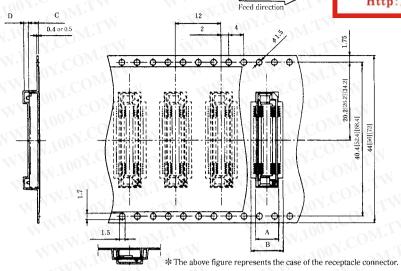
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FX8, FX8C Series 0.6mm Pitch Stacking Height 3mm to 16mm Connector

[Embossed Tape Package]

Carrier Size Pattern

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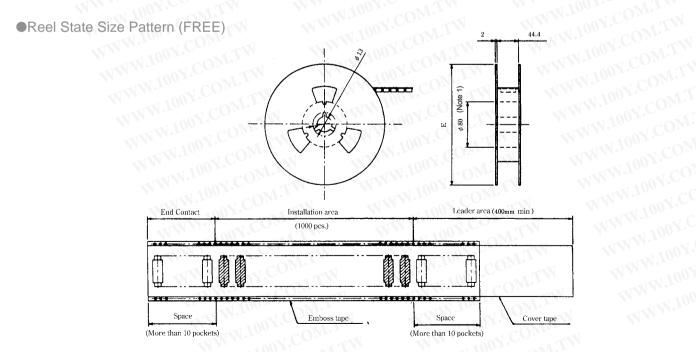


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Unit: mm

	Product Pieces	E	D	С	В	A	Part Number	P/S
	1000 pieces	φ370	1.2	5.2	7.9	5.5	FX8C-**P-SV (92)	TION.COM.T
	1000 pieces	φ370	1.2	6.2	7.9	5.5	FX8C-**P-SV1 (92)	
	500 pieces	φ330	1.2	7.2	7.9	5.5	FX8C-**P-SV2 (92)	Header
Note	500 pieces	φ370	1.2	9.2	7.9	5.5	FX8C-**P-SV4 (92)	
	500 pieces	φ370	1.2	11.2	7.9	5.5	FX8C-**P-SV6 (92)	
Note	1000 pieces	φ330	1.2	4.3	8.4	6.0	FX8C-**S-SV (92)	Pagantagla
Note	500 pieces	φ370	1.2	9.3	8.4	6.0	FX8C-**S-SV5 (92)	Receptacle

**: Number of Contacts



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Note 1: E dimension for FX8C-140S-SV(92) is ϕ 370, core dia. is ϕ 100.

Note 2: E dimension for FX8C-120P-SV2(92), FX8C-120S-SV5(92), FX8C-140S-SV5(92) is ϕ 380.