



产品编号：[307001167](#)

Product Description：2.54mm Pitch, 0.64mm Width H-DAC 64 High Density Automotive Connectors, Dual Row, Female Harness Assembly, 16 Circuits, Polarization Option 1, Gray

系列号：30700

状态：Active

Product Category：Connector Housings



文件和资源

图纸

[图纸 307001167_sd.pdf](#)

[包装设计图 PK-30907-417-001.pdf](#)

3D 模型和设计文件

[3D模型 307001167_stp.zip](#)

规格

[应用规格 AS-30700-000-001.pdf](#)

[产品规格 PS-30700-0001-001.pdf](#)

[产品规格 PS-30968-0001-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Duty-To-Declare
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[多部分产品合规性声明](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	Connector Housings
系列	30700
说明	2.54mm Pitch, 0.64mm Width H-DAC 64 High Density Automotive Connectors, Dual Row, Female Harness Assembly, 16 Circuits, Polarization Option 1, Gray
应用	Automotive, Power, Wire-to-Board, Wire-to-Wire
个评论	Polarization Option 1
产品系列	H-DAC 64 Unsealed Connector System
产品名称	H-DAC 64
UPC	822348517220

电气

每触点最大电流	7.0A
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物理

电路数（最多）	16
颜色-树脂	灰色
性别	Receptacle
符合灼热丝规范	否
锁定插接部位	是
材料 - 树脂	Modified Polystyrene Alloy, Polyester
净重	4.513/g

行数	2
包装形式	Bag
面板安装式	否
间距 - 插配接口	2.54mm
有极性的插配件	是
可堆叠的	否
运行温度范围	-40° to +100° C

进程

无铅	不适用
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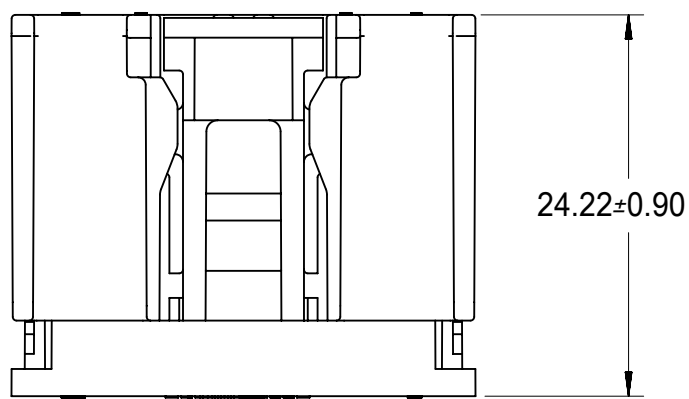
可配插/可连接使用的产品

可配插部件

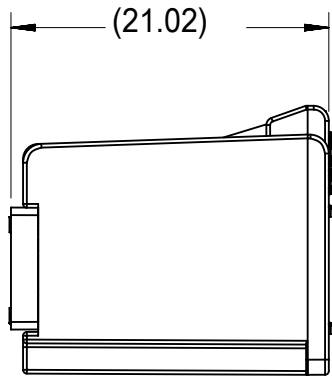
描述	产品编号
2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Vertical, 16 Circuits, Polarization Option 1, Gray, Tube	<u>0307004164</u>
2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Right-Angle, 16 Circuits, Polarization Option 1, Gray, Tube	<u>0307005164</u>
2.54mm Pitch, H-DAC 64 High Density Automotive Header, Dual Row, Right-Angle, 16 Circuits, Polarization Option 1, Gray, Tray	<u>0307005167</u>
H-DAC 64 High Density Automotive Dual Row Housings	<u>30968</u>

可连接使用部件

描述	产品编号
可装的端子等部件	Contact Molex for Terminal information.

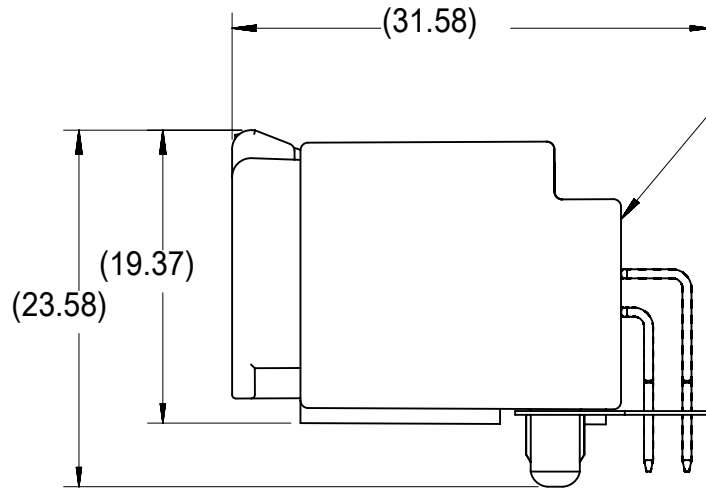


24.22±0.90



(21.02)

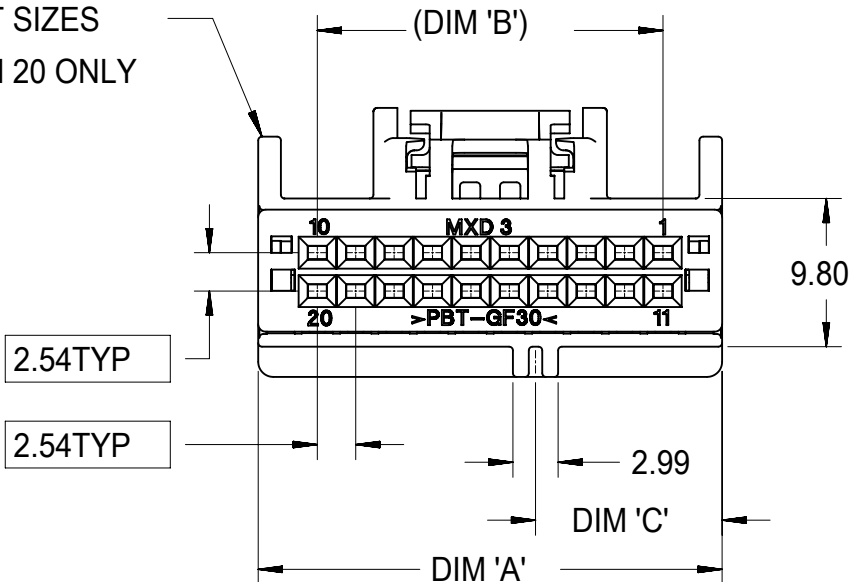
TPA SHOWN IN FULLY SEATED POSITION



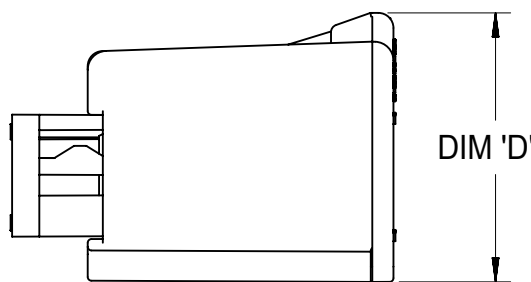
MATED VIEW

RIGHT ANGLE HEADER
ASSEMBLY. SEE SALES
DRAWING SD-30700-520.

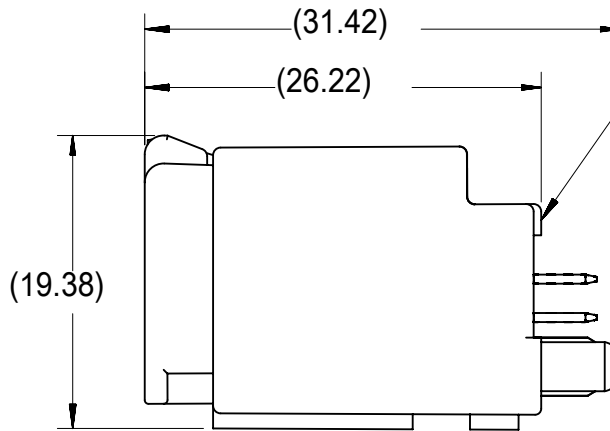
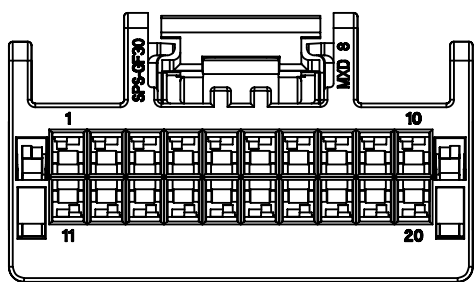
SCOOP PROOF RIBS
FOR CIRCUIT SIZES
14 THROUGH 20 ONLY



20 CIRCUIT HARNESS
ASSEMBLY SHOWN

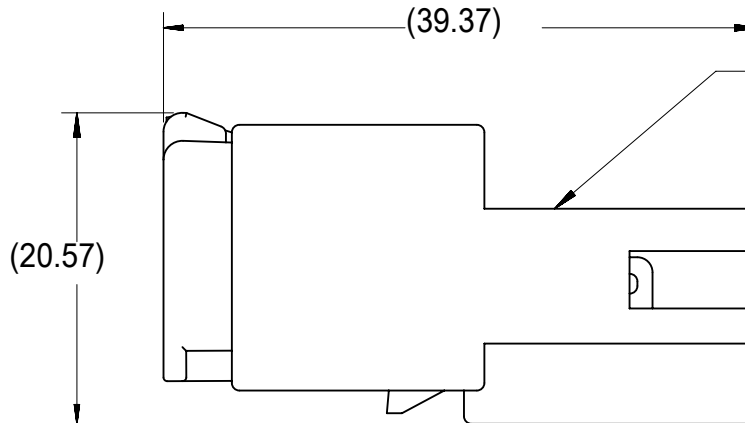


WITH TPA IN PRE-LOAD
(AS SHIPPED)



MATED VIEW

VERTICAL HEADER
ASSEMBLY. SEE SALES
DRAWING SD-30700-420.



MATED VIEW

MALE INLINE HARNESS
ASSEMBLY. SEE SALES
DRAWING SD-30968-120.

NOTES:

1. MATERIAL: HOUSING: SPS, GLASS FILLED, COLOR: SEE CHART.
TPA: PBT, GLASS FILLED, COLOR: RED.
2. PRODUCT SPECIFICATION: PS-30700-0001
3. PACKAGING SPECIFICATION: PK-30907-417
4. MATES WITH: SERIES 30700 & 30968, SEE SALES DRAWINGS
SD-30700-520, SD-30700-420 & SD-30968-120.

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex 6-20 CIRCUIT HARNESS ASSEMBLY											
		mm		2:1																	
		GENERAL TOLERANCES (UNLESS SPECIFIED)																			
		ANGULAR TOL ± 0.5°								EC NO: 601850 DRWN: SHANDITHAVAL 2018/07/23 CHK'D: RBAUMAN 2018/07/24 APPR: RBAUMAN 2018/07/24				PRODUCT CUSTOMER DRAWING							
		4 PLACES		±																	
		3 PLACES		±																	
		2 PLACES		± 0.13										INITIAL REVISION: DRWN: RCARLSON 2001/03/23 APPR: LGEIB 2001/04/04				DOCUMENT NUMBER SD-30700-120		DOC TYPE PSD	DOC PART 001
		1 PLACE		± 0.25																	
		0 PLACES		±																	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION		DRAWING A2-SIZE		SERIES 30700		MATERIAL NUMBER		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2018/07/24	20:32:40
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	13	12	11	10	9	8	7	6	5	4	3	2	1			
H														H		
	G														G	
		F														F
			E													
D																
	C															
		B														
			A													

ASSEMBLY PART NUMBER		POLARIZATION OPTIONS & CIRCUIT SIZE		PRODUCT DIMENSIONS					PASS THRU HOLE DIA FOR HARNESS	MATING INTERFACE DIMENSIONS	
WITHOUT BRIDGE	HARNESS ASSEMBLY (POLARZIATION OPTIONS)	CIRCUIT SIZE	A REF.	(B)	C	D	HOUSING COLOR	E		F	
30700-1207	POLARIZATION OPTION #1	20	30.69	22.86	12.35	17.79	GRAY	36.5	12.57	31.14	
30700-1208	POLARIZATION OPTION #2	20	30.69	22.86	15.35	17.79	BLACK	36.5	15.57	31.14	
30700-1209	POLARIZATION OPTION #3	20	30.69	22.86	18.35	17.79	NATURAL (CREAM)	36.5	18.57	31.14	
30700-1187	POLARIZATION OPTION #1	18	28.15	20.32	11.08	17.79	GRAY	34.0	11.31	28.60	
30700-1188	POLARIZATION OPTION #2	18	28.15	20.32	14.08	17.79	BLACK	34.0	14.31	28.60	
30700-1189	POLARIZATION OPTION #3	18	28.15	20.32	17.08	17.79	NATURAL (CREAM)	34.0	17.31	28.60	
30700-1167	POLARIZATION OPTION #1	16	25.61	17.78	9.81	17.79	GRAY	32.0	10.04	26.06	
30700-1168	POLARIZATION OPTION #2	16	25.61	17.78	12.81	17.79	BLACK	32.0	13.04	26.06	
30700-1169	POLARIZATION OPTION #3	16	25.61	17.78	15.81	17.79	NATURAL (CREAM)	32.0	16.04	26.06	
30700-1147	POLARIZATION OPTION #1	14	23.07	15.24	8.54	17.79	GRAY	30.0	8.77	23.52	
30700-1148	POLARIZATION OPTION #2	14	23.07	15.24	11.54	17.79	BLACK	30.0	11.77	23.52	
30700-1149	POLARIZATION OPTION #3	14	23.07	15.24	14.54	17.79	NATURAL (CREAM)	30.0	14.77	23.52	
30700-1120	POLARIZATION OPTION #1	12	20.53	12.70	7.25	17.79	GRAY	27.5	7.50	20.98	
30700-1121	POLARIZATION OPTION #2	12	20.53	12.70	10.27	17.79	BLACK	27.5	10.50	20.98	
30700-1122	POLARIZATION OPTION #3	12	20.53	12.70	13.27	17.98	NATURAL (CREAM)	27.5	13.50	20.98	
30700-1100	POLARIZATION OPTION #1	10	17.99	10.16	6.00	17.98	GRAY	26.4	6.23	18.44	
30700-1101	POLARIZATION OPTION #2	10	17.99	10.16	9.00	17.98	BLACK	26.4	9.23	18.44	
30700-1102	POLARIZATION OPTION #3	10	17.99	10.16	12.00	17.98	NATURAL (CREAM)	26.4	12.23	18.44	
30700-1080	POLARIZATION OPTION #1	8	15.45	7.62	4.73	17.98	GRAY	25.5	4.96	15.90	
30700-1081	POLARIZATION OPTION #2	8	15.45	7.62	7.73	17.98	BLACK	25.5	7.96	15.90	
30700-1082	POLARIZATION OPTION #3	8	15.45	7.62	10.73	17.98	NATURAL (CREAM)	25.5	10.96	15.90	
30700-1060	POLARIZATION OPTION #1	6	15.44	5.08	3.46	17.98	GRAY	25.5	3.69	13.36	
30700-1061	POLARIZATION OPTION #2	6	15.44	5.08	6.46	17.98	BLACK	25.5	6.69	13.36	
30700-1062	POLARIZATION OPTION #3	6	15.44	5.08	9.46	17.98	NATURAL (CREAM)	25.5	9.69	13.36	

6 CIRCUIT (30700-1060)

8 CIRCUIT (30700-1080)

10 CIRCUIT (30700-1100)

12 CIRCUIT (30700-1120)

14 CIRCUIT (30700-1147)

16 CIRCUIT (30700-1167)

18 CIRCUIT (30700-1187)

20 CIRCUIT (30700-1207)

MATERIAL IDENTIFICATION SYMBOL

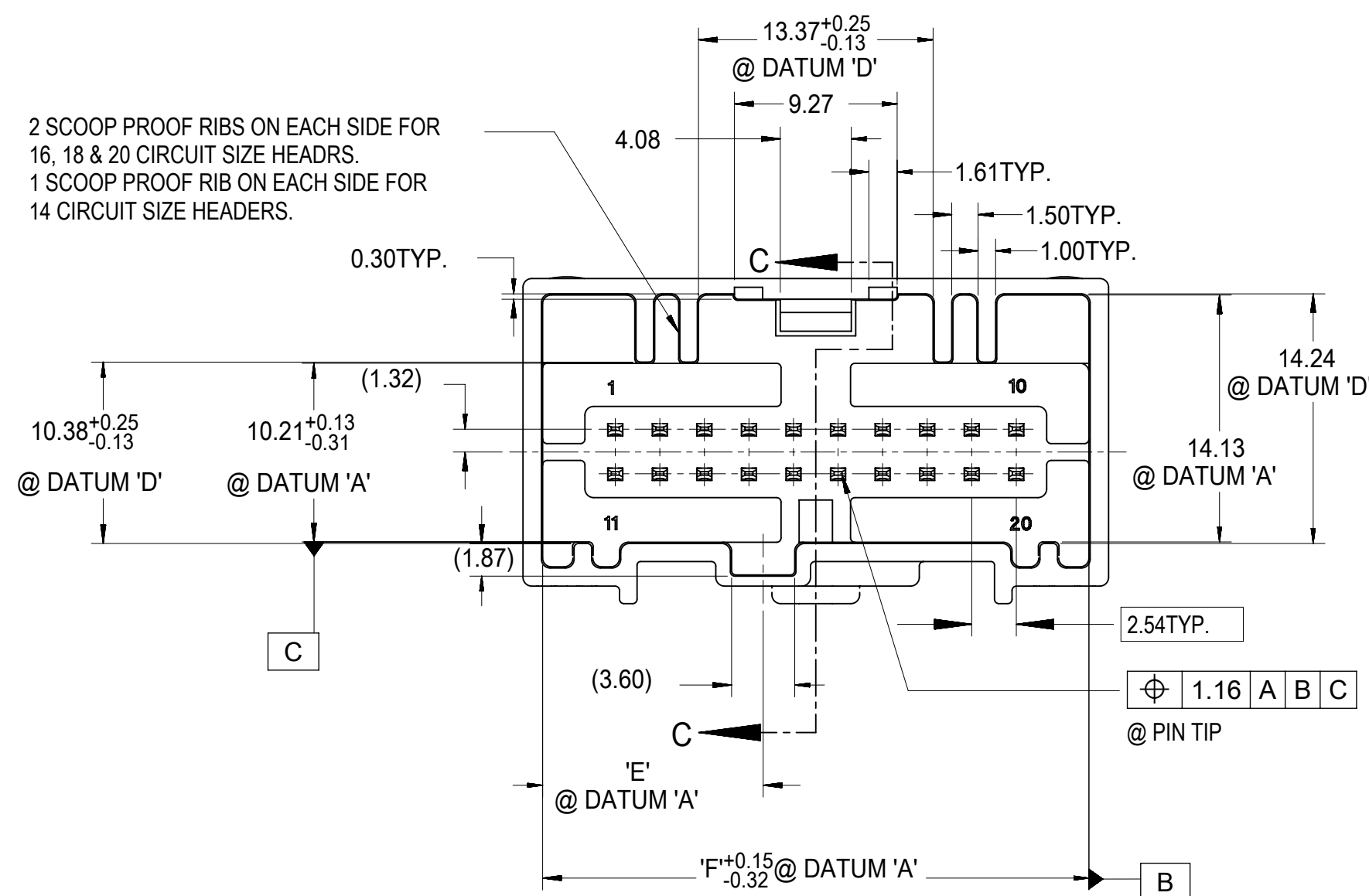
CIRCUIT NUMBER IDENTIFICATION

MX - VENDOR IDENTIFICATIO (MOLEX)
X - MANUFACTURING LOCATION
('N' FOR LINCOLN, 'D' FOR AUBURN HILLS)

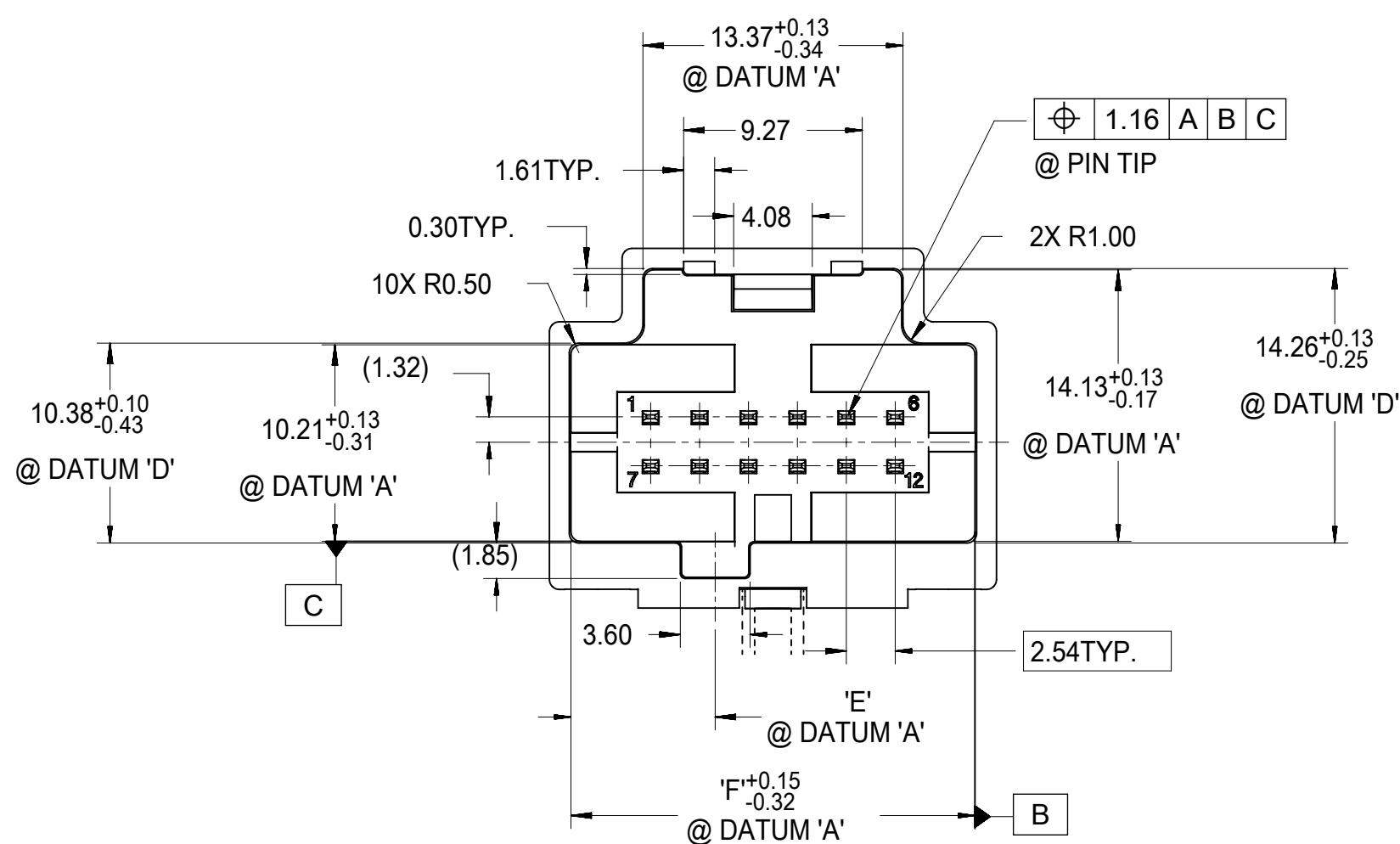
SEE CHART FOR MINIMUM
FEED THROUGH DIAMETER
(1MM CLEARANCE ALL AROUND)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
SYMBOLS		DIMENSION UNITS	SCALE	CURRENT REV DESC:				molex 6-20 CIRCUIT HARNESS ASSEMBLY				
≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡ E = 0 ≡ E = 0 ≡ S = 0 ≡ ▽ = 0 ≡ ▽ = 0 ≡ ⊠ = 0 ≡ ■ = 0 ≡ ▽ = 0 ≡ A = 0 ≡												

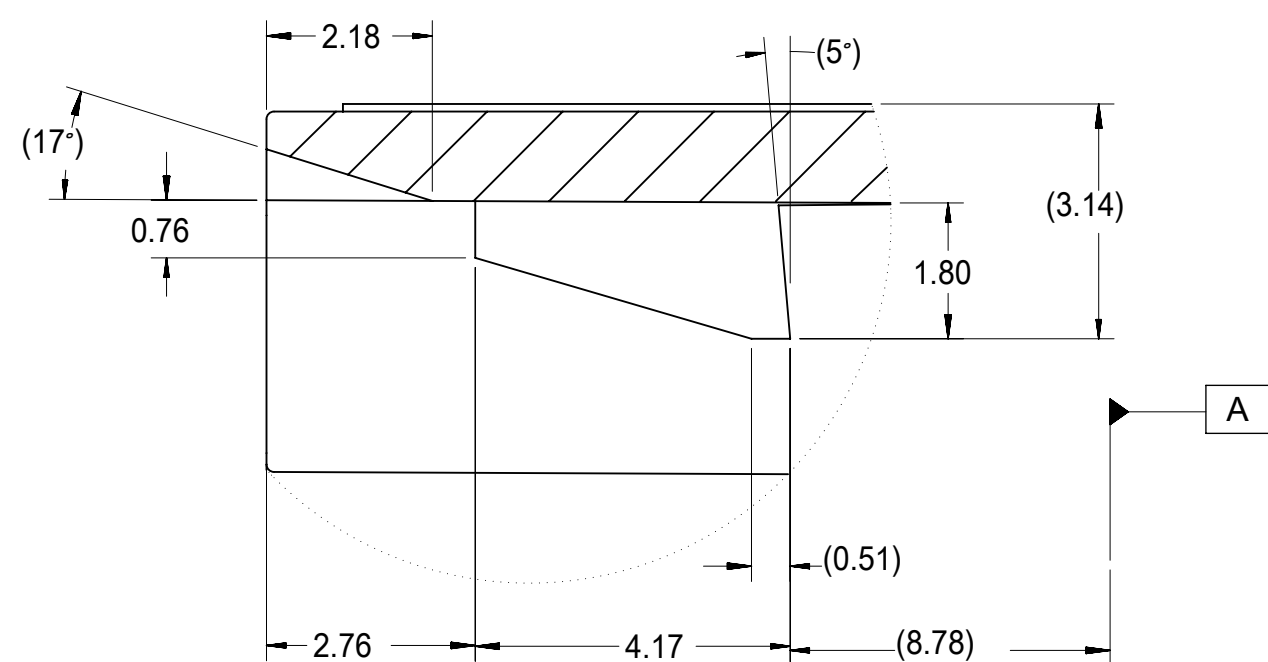
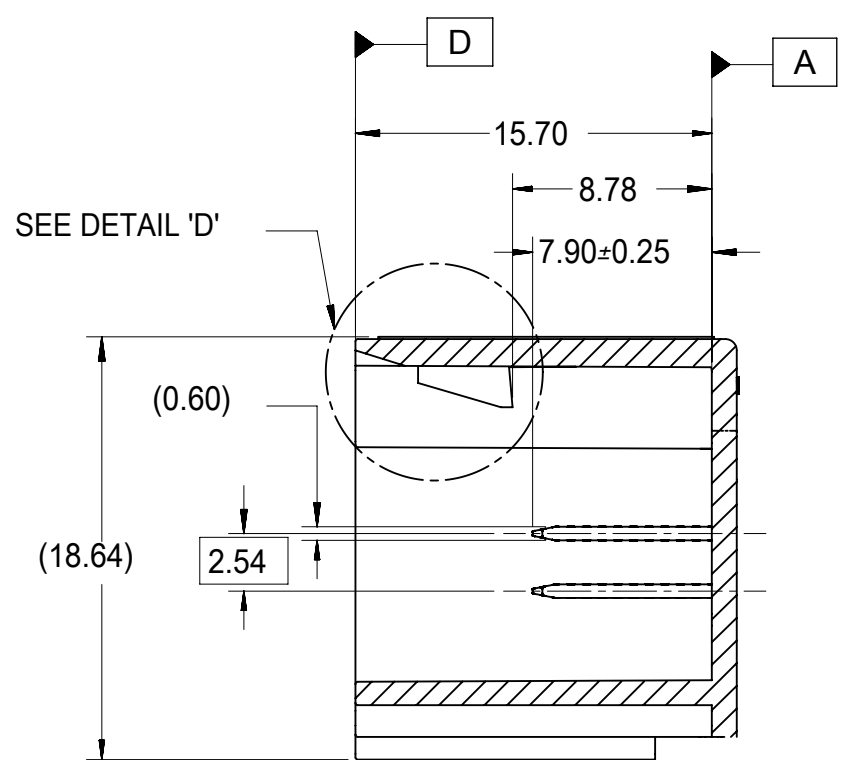
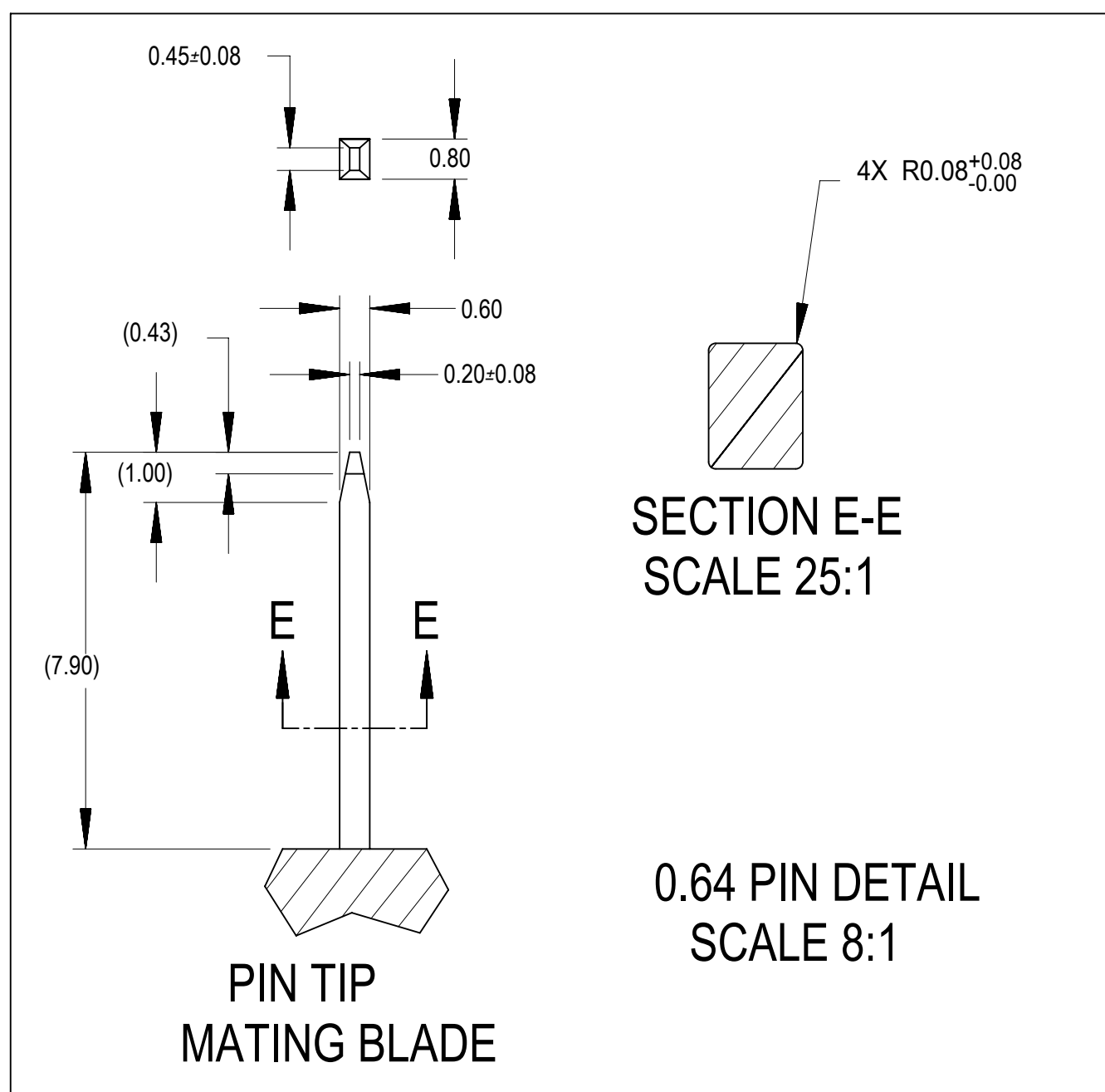
MATING INTERFACE DIMENSIONS (REFERENCE ONLY)



ABOVE VIEW APPLY TO 14, 16, 18 & 20 CIRCUIT ONLY



ABOVE VIEW APPLY TO 6, 8, 10 & 12 CIRCUIT ONLY



SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	= 0	DIMENSION UNITS	SCALE
	= 0	mm	2:1
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	= 0	ANGULAR TOL ± 0.5°	
	= 0	4 PLACES	±
	= 0	3 PLACES	±
	= 0	2 PLACES	± 0.13
	= 0	1 PLACE	± 0.25
	= 0	0 PLACES	±
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
	= 0	THIRD ANGLE PROJECTION	
		DRAWING	SERIES
		A2-SIZE	30700
		CURRENT REV DESC:	
		EC NO: 601850	
		DRWN: SHANDITHAVAL	2018/07/23
		CHK'D: RBAUMAN	2018/07/24
		APPR: RBAUMAN	2018/07/24
		INITIAL REVISION:	
		DRWN: RCARLSON	2001/03/23
		APPR: LGEIB	2001/04/04
		DOCUMENT NUMBER	
		SD-30700-120	
		DOC TYPE	DOC PART
		PSD	001
		REVISION	J
		PRODUCT CUSTOMER DRAWING	
		MATERIAL NUMBER	CUSTOMER
			GENERAL MARKET
		SHEET NUMBER	
		3 OF 3	