产品编号: 347915180

Product Description: Mini50 Unsealed Receptacle, Single Row, Bridged, with CPA, 8 Circuits, Polarization Option A, Black

系列号: 34791 状态: Active

Product Category : Connector Housings



文件和资源

图纸

图纸 347915180_sd. pdf 包装设计图 PK-31301-538-001. pdf

3D 模型和设计文件

3D模型 347915180_stp. zip

规格

应用规格 AS-34791-020-CH-001. pdf 应用规格 AS-34791-020-001. pdf 应用规格 AS-34791-020-FR-001. pdf 产品规格 PS-34791-020-001. pdf 测试摘要 347910020-TS-000. pdf

产物环境合规

合规

GADSL/IMDS	Compliant	
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-D (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	34791	
说明	Mini50 Unsealed Receptacle, Single Row, Bridged, with CPA, 8 Circuits, Polarization Option A, Black	
应用	Automotive, Power, Wire-to-Board	
产品系列	Mini50 Connection Systems	
产品名称	Mini50	
UPC	889056224505	

物理

电路数 (最多)	8
颜色-树脂	黑色
性别	Receptacle
符合灼热丝规范	否
插接极性	是
锁定插接部位	是
材料 - 树脂	PBT
净重	1. 400/g
行数	1
包装形式	Bag
面板安装式	否
间距 - 插配接口	2. 00mm
间距 - 终端界面	2.00mm
极化	A

有极性的插配件	是
可堆叠的	否
运行温度范围	−40° to +105° C

可配插/可连接使用的产品

可配插部件

描述	产品编号
Mini50 Unsealed Inline Housing, Single Row, 8 Circuits, Polarization A, withCPA, Black	2037000080
Mini50 Unsealed Vertical Headers	34792
Mini50 Unsealed Right-Angle Headers	34793
Mini50 Unsealed Single Row Right- Angle Headers	34912
Mini50 Unsealed Single Row Inline Housings	203700

可连接使用部件

描述	产品编号
CTX50 Unsealed Receptacle Terminals	560023

This document was generated on Dec 29, 2023

PRODUCT SPECIFICATION

1.0 SCOPE

This product specification covers the 0.50 mm (0.0197 inch) terminal system on a 2.0 mm (0.0787 inch) centerline (pitch) single row and dual row Mini 50 unsealed wire to board connection system terminated with 0.35mm^2 to 0.13mm^2 wire using crimp technology.

2.0 PRODUCT DESCRIPTION

2.1 PRODUCT NAME AND SERIES NUMBERS

2.2 ASSOCIATED TERMINALS

Product Name	Series
24 Way Right Angle Header Assembly	34826
20 Way Right Angle Header Assembly	34826
16 Way Right Angle Header Assembly	34826
12 Way Right Angle Header Assembly	34826
8 Way Right Angle Header Assembly	34793
4 Way Right Angle Header Assembly	34793
24 Way Vertical Header Assembly	34825
20 Way Vertical Header Assembly	34825
16 Way Vertical Header Assembly	34825
12 Way Vertical Header Assembly	34825
8 Way Vertical Header Assembly	34792
4 Way Vertical Header Assembly	34792
24 Way SMT Header Assembly	34897
20 Way SMT Header Assembly	34897
16 Way SMT Header Assembly	34897
12 Way SMT Header Assembly	34897
8 Way SMT Header Assembly	34912
4 Way SMT Header Assembly	34912
4 Way Receptacle Connector Assembly	34791
8 Way Receptacle Connector Assembly	34791
12 Way Receptacle Connector Assembly	34824

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	TEMPLATE FILENAME: PRODUCT SPEC[SIZE A](V.1).DOC			SISIZE A](V.1).DOC	

PRODUCT SPECIFICATION

Product Description	Vendor Part Number	
Molex CTX 50 Small Grip Female	560023-0421	
Receptacle Terminal (.13mm²)	300023 0421	
Molex CTX 50 Medium Grip Female	560023-0422	
Receptacle Terminal (.22mm²)	360023-0422	
Molex CTX 50 Large Grip Female	560023-0448	
Receptacle Terminal (.35mm²)	560023-0446	

2.3 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

Harness Housings: unfilled PBT Header Housing: 30% glass fiber SPS Pins: Copper alloy C26000

Tin Plating: Overall Tin with Nickel under-plate

CPA: 50% glass fiber PA66

2.4 SAFETY AGENCY APPROVALS

UL File Number	Not Applicable
CSA File Number	Not Applicable
TUV License number	Not Applicable

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PRODUCT SPECIFICATION

3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

Description	Document Number
4 & 8 way single row receptacle assembly	SD-34791-001
sales drawing (charted)	
12 way dual row receptacle assembly sales	SD-34824-002
drawing (charted)	
4 & 8 way vertical header assembly sales	SD-34792-001
drawing (charted)	
12 way vertical header assembly sales	SD-34825-001
drawing (charted)	
4 & 8 way right angle header assembly	SD-34793-001
sales drawing (charted)	
12 way right angle header assembly sales	SD-34826-001
drawing (charted)	
4 & 8 way SMT header assembly sales	SD-34912-001
drawing (charted)	
12 way SMT header assembly sales	SD-34897-001
drawing (charted)	
4 & 8 way harness sales drawing (charted)	DU5T-14489-CCA
12 way harness sales drawing (charted)	FU5T-14489-AA
Molex CTX 50 terminal sales drawing	SD-560023-002
(charted)	
Tray packaging specification (header only)	PK-31301-440
Tube packaging specification (header only)	PK-31301-688
Bulk packaging specification (receptacle	PK-31301-538
assembly only)	
Application specification	AS-34791-020

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	TEMPLATE FILENAME: PRODUCT SPECISIZE A](V. 1).DOC				

4.0 RATINGS

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4.1 VOLTAGE

500 VDC MAXIMUM; Per GMW3191, All measured isolation resistances shall be >100MΩ. 14 VDC MAXIMUM; Per NDS24012, An initial leak current of \leq 10μA and a post endurance leak current of \leq 1mA.

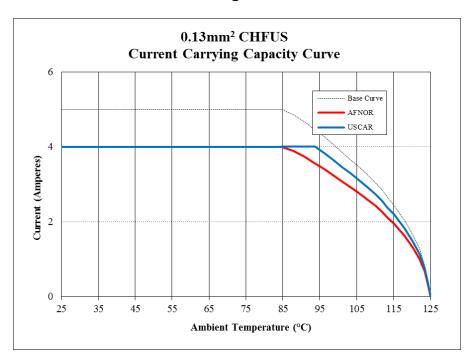
4.2 CURRENT AND APPLICABLE WIRES

Current is dependent on connector size, ambient temperature, blade size and related factors. Actual maximum current rating is application dependent and should be evaluated for each use.

The current listed below is expected to cause a temperature rise in the *terminal* <u>only, outside</u> plastic.

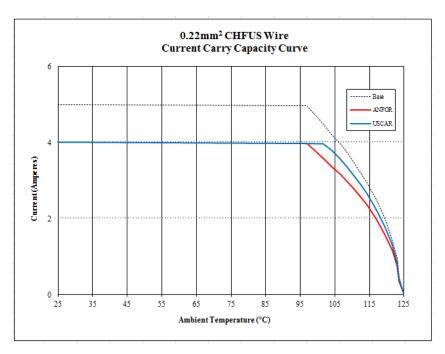
Wire section	Current	Wire range Insulation Diameter
.35 mm ²	see derating curve	1.4 mm MAX (0.055 inch)
.22 mm ²	see derating curve	1.2 mm MAX (0.047 inch)
.13 mm ²	see derating curve	1.05 mm MAX (0.041 inch)

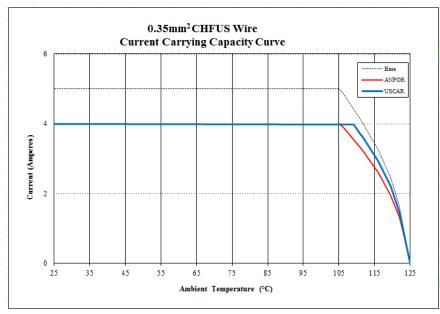
Derating Curves



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PRODUCT SPECIFICATION





TEMPERATURE

Operating: $-40 \, \text{C}^{\circ} \text{ to} + 105 \, \text{C}^{\circ}$ Non-operating: $-40 \, \text{C}^{\circ} \text{ to} + 105 \, \text{C}^{\circ}$

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PRODUCT SPECIFICATION

5.0 PERFORMANCE

5.1 ELECTRICAL PERFORMANCE

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	Contact Resistance (Low Level)	Mate teminal: apply maximum voltage of 20 mV and a max current of 100 mA.	20 milliohms MAXIMUM
2	Contact Resistance @ Rated Current (Voltage Drop)	Mate terminal: apply 3 A of current with a 0.35mm ² wire	20 milliohms MAXIMUM
3	Isolation Resistance	Apply a voltage of 500 VDC between adjacent terminals and between terminals to ground.	100 Meg ohms MINIMUM
4	Dielectric Strength	Apply an AC rms voltage of 1000V at 60 Hz across each adjacent cavity and between the terminals to ground	No dielectric breakdown or flash-over shall occur between cavities or between the cavities and the outside of a connector at any time during the test.
5	Current Carrying Capability	Mate terminal: Determine the heating curve by measuring the temperature after 1008 cycles (45 minutes ON and 15 minutes OFF per cycle).	Temperature not to exceed 55° over ambient
6	Connector - Connector Overcurrent Loading	Pass the following current for the specified time below through only one circuit that is arbitrarily selected: (20awg) Current (Amps) 11.0 60 Minutes 13.5 200 Seconds 15.0 5 Seconds 20.0 1 Second	Housing shall not start burning
7	Leak Current	Apply 1000V AC with frequencies 50 to 60Hz, having wave-form close to a sinusoidal, between terminals and between housing and terminals. Conditioning	Initial Leak Current 10 microAmp MAXIMUM
,	Lean Guilein	consists of exposure to 60±5°C and 90- 95% humidity for one hour in a thermo- static and humido-static tank.	Post Conditioning 1 milliAmp MAXIMUM

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PRODUCT SPECIFICATION

5.2 MECHANICAL REQUIREMENTS

ITEM	DESCRIPTION	TEST COND	ITION	REQUIR	EMENT
				7 Newtons	sing: MAXIMUM lector: ck Engaged XIMUM (4 ckt) XIMUM (8 ckt) MAX (12 ckt) MAX (16ckt) MAX (20ckt) MAX (24ckt) k Disengaged MAXIMUM tially Installed: MINIMUM
1	Connector Mate/ Unmate Forces	Mate and Unmate connector (male to female) at a rate of 50 ± 5 mm (2 ± 1/4 inch) per minute.		3.Terminal Partially Installe 7 Newtons MINIMUM Unmate Force 1.Housing a. Primary Lock Disengaged 5 Newtons MAXIMUM b. Primary Lock engaged 110 Newtons MINIMUM 2.Connector a. Primary Lock Disengaged (4 & 8 Ckt): 20 Newtons MAX Initial 25 Newtons MAX Post 10cycles (12 Ckt): 25 Newtons MAX Initial (16 Ckt): 34 Newtons MAX Initial (20 Ckt): 43 Newtons MAX Initial (24 Ckt): 55 Newtons MAX Initial (24 Ckt): 55 Newtons MAX Initial	
2	Locking Device Strength (Primary Lock Engaged)	After the 11 th mating apply a sample with the locking devic constant for 10+2 seconds.		The force s	
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3	Primary Lock Disengage Force (CPA Disengaged)	Apply a force to push on the lock mechanism and attempt to unmate the connection	30 Newtons MAXIMUM
Terminal Retention Force (in Housing-Dry as		Axial pullout force on the terminal in the housing at a rate of 50 ± 5 mm (2 ± ½ inch) per minute.	ISL in Pre-Lock 10 Newtons MINIMUM 5 Newtons MINIMUM Post Cycles
	Molded)		ISL in Final-Lock 40 Newtons MINIMUM
5	Terminal Insertion Force (into Housing)	Apply an axial insertion force on the terminal at a rate of 50 ± 5 mm ($2 \pm \frac{1}{4}$ inch) per minute.	5 Newtons MAXIMUM
6	Forward Stop Force	Apply an axial insertion force on the terminal at a rate of 50 ± 5 mm ($2 \pm \frac{1}{4}$ inch) per minute.	50 Newtons Min.
7	Terminal - Engagement Force with ISL in Final-Lock	Apply an axial insertion force on the terminal at a rate of 50 ± 10 mm ($2 \pm \frac{1}{4}$ inch) per minute.	30 Newtons Minimum
8	Connector Audible	The connector lock must provide audible feedback during connector mating by hand Ambient noise must be between 30 and 50 dB	4&8ckt: 45 dB over Ambient (0 scale) 12ckt: 36 dB over Ambient
9	Terminal/Cavity Polarization 180° Misoriented	Connector and terminal must be polarized to prevent mating in improper direction	10 Newtons MINIMUM
			ISL Insertion w/o terminals (pre to final lock): 5 Newtons MINIMUM
10	Independent Secondary Lock (ISL) Engage Force	The force to insert the ISL from the pre-lock position to the final-lock position at a rate of 50 ± 5 mm ($2 \pm \frac{1}{4}$ inch) per minute.	ISL Insertion with terminals (pre to final lock): 40 Newtons MAXIMUM
			ISL Insertion with terminal partially installed: 40 Newtons MINIMUM
11	Independent Secondary Lock (ISL) Disengage Force	The force to completely disengage the ISL from final-lock position at a rate of 50 ± 5 mm (2 ± ½ inch) per minute.	60 Newtons MAXIMUM
12	Header Pin Retention Force (in Vertical, Right Angle, &SMT Housing)	Axial pushout force on the terminal in the housing at a rate of 50 ± 10 mm ($2 \pm \frac{1}{4}$ inch) per minute.	15 Newtons MINIMUM

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13	Insertion / Removal Feeling	Insert and remove the terminal or the connector, while checking the correctness of the insertion/removal feeling	Connector shall be free of detrimental cracking, rust, pla flaw, deformation, and othe defects. Terminal shall be front of catching and / or other abnormality.
14	Connector Repetitive Mating/Unmating (Single Row)	Mate and Unmate connector (male to female) at a rate of about 100mm/min	After 5cycles Mating force 20 Newtons Mating force 20 Newtons Mating force 8 Newtons Mating force 8 Newtons Mating force 50cycles Voltage Drop 30 milliohms MAXIMUM Mating force 40 Newtons Mating force 40 Newtons Mating force 10 Newton Min (primary lock engaged)
			240 Newton Minimum PolA_recp - PolB_hdr 12Cl PolB_recp - PolA_hdr 12Cl 220 Newton Minimum PolA_recp - PolB_hdr 4Ck PolB_recp - PolA_hdr 4Ck PolC_recp - PolD_hdr 4Ck PolD_recp - PolC_hdr 4Ck PolA_recp - PolB_hdr 8Ck PolB_recp - PolA_hdr 8Ck
15	Connector Polarization Feature Effectiveness		200 Newton Minimum 16-20Ckt PolA_recp - PolB_hdr 190 Newton Minimum 16-20Ckt PolB_recp - PolA_hdr
			115 Newton Minimum PolA_recp - PolC_hdr 12Cl PolA_recp - PolC_hdr 12Cl 110 Newton Minimum PolA_recp - PolC_hdr 4Ck PolA_recp - PolD_hdr 4Ck PolC_recp - PolB_hdr 4Ck

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	I		
			100 Newton Minimum PolC_recp - PolA_hdr 4Ckt PolD_recp - PolB_hdr 4Ckt PolB_recp - PolC_hdr 12Ckt
			95 Newton Minimum PolA_recp - PolC_hdr 8Ckt
			90 Newton Minimum PolB_recp - PolD_hdr 4Ckt PolB_recp - PolC_hdr 8Ckt
			80 Newton Minimum PolB_recp - PolC_hdr 4Ckt PolD_recp - PolA_hdr 4Ckt
	16 Pry Resistance	A pair of connectors shall have one of them secured and the other inserted. Under these conditions, they shall be pried axially, rectangularity, front and rear and right and left around the top with a force of 78N After prying the connectors to two stages of fitting, pull them out. This is one cycle.	
16			
		Subject connectors to 10 cycles and Perform Contact Resistance @ Rated Current	Mate 20 Newtons MAXIMUM
		(Voltage Drop) and Connector Mate/Unmate Forces (Primary Lock Engaged),the mate/unmate speed shall be about 100 mm/min.	Unmate Primary Lock Engaged 20 Newtons MINIMUM
17	Pry Resistance II	Pull the female connector wire at a 45° angle in the direction which minimizes the male and female terminal contact at a speed of 5mm/min to 100N. Then decrease the pulling load at the same speed to 0N (No Force)	The waveform slope remaine positive when increasing load during pulling and negative when decreasing load
18	Connector Drop Test	System Assembly (Mated & Fully populated) – Subject the assembly to a fall of 1 meter on each face, except for electrical wire side, onto a concrete floor	No damage or incipient ruptu shall be observed.
	To Connector Drop Test	Connector Assembly (Unmated & Fully Populated) - Subject the assembly to a fall of 1 meter on each face, except for electrical wire side, onto a concrete floor	No damage or incipient ruptu shall be observed.

5.3 ENVIROMENTAL REQUIREMENTS

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ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	Durability	Mate connectors up to 10 cycles prior to environmental tests.	10 milliohms MAXIMUM
2	Thermal Shock (Electrical)	Mate connectors per durability; expose to 300 cycles of: Temperature C ⁰ Duration (Minutes) -40 +0/-3 30 +105 +3/-0 30 Perform Contact Resistance (Low Level)	Dry Circuit Resistance 20 milliohms MAXIMUM & Discontinuity < 1 microsecond
3	Thermal Shock (Physical)	Mate connectors per durability; expose to 300 cycles of: Temperature C ⁰ Duration (Minutes) -40 +0/-3 30 +105 +3/-0 30 Apply a voltage of 500 VDC per Isolation Resistance	100 Meg ohms MINIMUM
		Apply an AC rms voltage of 1000V at 60 Hz per Dielectric Strength	No dielectric breakdown or flash-over shall occur between cavities or between the cavities and the outside of a connector at any time during the test.
	Thermal Shock (Mechanical)	Mate connectors per durability; expose to 1000 cycles of: Temperature C ⁰ Duration (Minutes) -40 +0/-3 30 +105 +3/-0 30 Unmate connector per Connector Mate/ Unmate Forces	Unmate w/latch 100 Newtons MINIMUM w/o terminals
4		Mate connectors per durability; expose to 1000 cycles of: Temperature C ⁰ Duration (Minutes) -40 +0/-3 30 +105 +3/-0 30 Extract terminal from housing per Terminal Retention Force (in Housing)	TPA in Final-Lock 30 Newtons MINIMUM
5	Temperature/ Humidity Cycling (Electrical)	Mate connectors per durability. Subject connector system to 10 cycles of: 60% RH 4 hours @ 23 C°; 97% RH 10 hours @ 55 C°, 2 hour @ -40 C°; 2 hours @ 105 C° Perform Contact Resistance (Low Level) Perform Contact Resistance @ Rated Current (Voltage Drop)	Dry Circuit Resistance 20 milliohms MAXIMUM Voltage Drop 20 milliohms MAXIMUM

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6	Temperature/ Humidity Cycling (Physical)	Mate connectors per durability. Subject connector system to 10 cycles of: 60% RH 4 hours @ 23 C°; 97% RH 10 hours @ 55 C°, 2 hour @ -40 C°; 2 hours @ 105 C° Apply a voltage of 500VDC per Isolation Resistance	100 Meg ohms MINIMUM
		Apply an AC rms voltage of 1000V at 60 Hz per Dielectric Strength	No dielectric breakdown or flash-over shall occur between cavities or between the cavities and the outside of a connector at any time during the test.
	Temperature/ Humidity Cycling (Mechanical)	Mate connectors per durability. Subject connector system to 10 cycles of: 60% RH 4 hours @ 23 C°; 97% RH 10 hours @ 55 C°, 2 hour @ -40 C°; 2 hours @ 105 C° Unmate connector per Connector Mate/ Unmate Forces (Connector Holding)	Unmate w/latch 100 Newtons MINIMUM w/o terminals
7		Mate connectors per durability. Subject connector system to 10 cycles of: 60% RH 4 hours @ 23 C°; 97% RH 10 hours @ 55 C°, 2 hour @ -40 C°; 2 hours @ 105 C° Extract terminal from housing per Terminal Retention Force (in Housing)	TPA in Final-Lock 30 Newtons MINIMUM
8	High Temperature Exposure (Electrical)	Mate connectors per durability. Subject connector system to 105 Co for 1008 hours. Perform Contact Resistance (Low Level) Perform Contact Resistance @ Rated Current (Voltage Drop)	Dry Circuit Resistance 20 milliohms MAXIMUM Voltage Drop 20 milliohms MAXIMUM
	High Temperature Exposure (Physical)	Mate connectors per durability. Subject connector system to 105 Co for 1008 hours. Apply a voltage of 500DC per Isolation Resistance post 1008 hours	100 Meg ohms MINIMUM
9		Apply an AC rms voltage of 1000V at 60 Hz per Dielectric Strength	No dielectric breakdown or flash-over shall occur between cavities or between the cavities and the outside of a connector at any time during the test.

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10	High Temperature Exposure (Mechanical)	Mate connectors per durability. Subject connector system to 105 C° for 1008 hours. Apply a force to wire bundle and pull on wire bundle in the following directions: Straight, +45° Vertical, -45° Vertical, +45° Horizontal, & -45° Horizontal		No breakage or electrical discontinuities at 60N or less	
		Mate connectors procedured from the connector system to extract terminal from the connectors procedured from the connectors	to 105 C ^o for m housing p	1008 hours.	TPA in Final-Lock 30 Newtons MINIMUM
10b	High Temperature Exposure (Mechanical) GM	Subject connector system to 105 C ^o for 1008 hours. Extract Terminal from housing post test			TPA in Final-Lock 40 Newtons MINIMUM
11	Chemical Resistance (Electrical)	Perform Contact R Expose connectors the specified durate Resistance To Fluids: Automatic Transmission Oil: Zinc Chloride: Fuel: Engine	s to the follow on of soak a Time / Temp. in Fluid 15 Seconds @ 23°C 15 Seconds @ 23°C 7 Days @ 23°C 5 Minutes	ring fluids for nd dry time: Time / Temp. Drying 24 Hours @ 105°C 24 Hours @ 23°C 7 Days @ 23°C 48 Hours	No deformation or cracks shall be observed in connector Delta Dry Circuit Resistance 20 milliohms MAXIMUM Voltage Drop 20 milliohms MAXIMUM
		Coolant: Windshield Washer Fluid: Perform Contact F and Contact Resis (Voltage Drop).			

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ſ			Expose connectors			
			the specified durat	on of soak a	nd dry time:	
			Resistance To	Time /	Time /	
			Fluids:	Temp. in	Temp.	
				Fluid	Drying	
			Automatic Transmission	15 Seconds	24 Hours	No deformation or cracks shall
			Oil:	@ 23°C	@ 105°C	be observed in connector
			Zinc Chloride:	15	24 Hours	Unmate w/latch
	12	Chemical Resistance		Seconds @ 23°C	@ 23°C	(hand evaluation) shall show
		(Mechanical)	Fuel:	7 Days @ 23°C	7 Days @ 23°C	no signs of functional degradation.
			Engine	5 Minutes	48 Hours	
			Coolant:	@ 23°C	@ 50°C	
			Windshield	5 Minutes	48 Hours	TPA in Final-Lock 30 Newtons MINIMUM ct
			Washer Fluid:	@ 23°C	@ 50°C	
			Un-mate connector	•		
			Un-mate Forces. (I			
			terminal from housing per Terminal			
L			`	Retention Force (in Housing)		
			Expose connectors to the following fluids for			
			the specified duration of soak and dry time:			
			Resistance To	Time /	Time /	
			Fluids:	Temp. in Fluid	Temp.	No deformation or cracks shall
			Automatic	15	Drying	be observed in connector
			Transmission	Seconds	24 Hours	
			Oil:	@ 23°C	@ 105°C	
		Chemical	Zinc Chloride	15	0411	100 Meg ohms
		Resistance	50%:	Seconds	24 Hours	MINIMUM
	13	(Physical)		@ 23°C	@ 23°C	
			Engine	5 Minutes	48 Hours	
			Coolant:	@ 23°C	@ 50°C	
			Apply a voltage of		Isolation	
			Resistance post 10	008 hours		
						No dielectric breakdown or
			Apply an AC RMS	voltage of 10	00V at 60	flash-over shall occur between
			Hz per Dielectric S			cavities or between the cavities
				-		and the outside of a connector at any time during the test.
L						at any time during the test.

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14	Solderability	Steam-age samples for 8 hours (Category 3), set at ambient for at least one hour, and its pins were dipped in ROL0 flux and lead-free solder per SMES-152 (Paragraph 5.3.4 Dip Coated) with an agitation of 10mm forward and backward. The solder temperature was 255°C per Molex BP5155. Criteria: SMES-152 Rev E Paragraph 5.4.1.	Solder coverage: 95% MINIMUM (per SMES-152)
15	IR Process Soldering	Molex IR Profile: ES-40000-5013 Maximum Temperature: 260°C	Dimensional: Conformance to Sales Drawing requirements & Visual: No Damage

6.0 PACKAGING

Parts shall be packaged to protect against damage during handling, transit and storage.

7.0 GAGES AND FIXTURES

All applicable gages and fixtures are referenced in the appropriate control plans.

8.0 OTHER INFORMATION

Products conform to the following environmental ratings:

Temperature: 105°C

Vibration: On-Body (not coupled to engine)

Sealing: Un-Sealed

To ensure compliance with our product validation, it is imperative that our product meet the print dimensions. Any non-conformance with the true position of the PCB pins or mating interface will create performance failures that include; PCB installation, increased mate/unmate forces and electrical discontinuities.

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