

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0345111001](#)
Status: **Active**
Description: 1.2mm (.047") 4 Circuit Sealed Housing

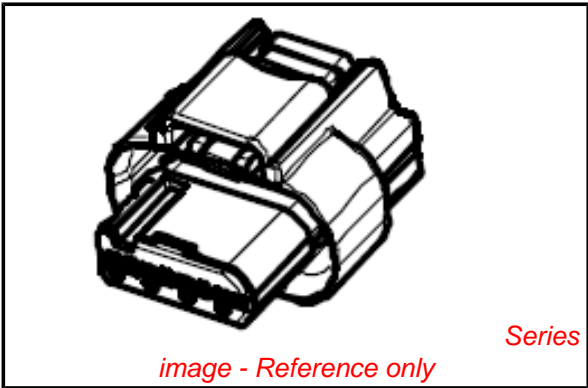
Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-34511-555 \(PDF\)](#)

General	
Product Family	Crimp Housings
Series	34511
Product Name	N/A
Physical	
Circuits (maximum)	4
Color - Resin	Black
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Modified Polystyrene Alloy, Silicone
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.160 In
Pitch - Mating Interface (mm)	4.00 mm
Pitch - Term. Interface (in)	0.160 In
Pitch - Term. Interface (mm)	4.00 mm
Polarized to Mating Part	Yes
Ports	4
Stackable	No
Temperature Range - Operating	-40°C to +125°C

Material Info

Reference - Drawing Numbers

Product Specification	PS-34511-555
Sales Drawing	SD-34511-001



EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Halogen-Free Status Not Reviewed	China RoHS
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Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

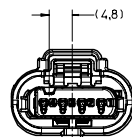
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[34511Series](#)

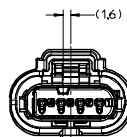
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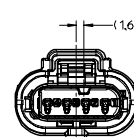
ASSEMBLY PART NO.	TPA PART NO.	CONNECTOR HOUSING NO.	TERMINAL HOUSING		KEYING OPTION	NUMBER OF PLUGGED POSITIONS	CAVITY STATUS (X = PLUGGED)				TOOLED
			PART NUMBER	COLOR			1	2	3	4	
34511-1001	34514-0001	34512-0001	34513-0001	BLACK	A	0					X
34511-1002	34514-0002	34512-0001	34513-0002	LIGHT GRAY	B	0					
34511-1003	34514-0003	34512-0001	34513-0003	BROWN	C	0					
34511-1004	34514-0004	34512-0001	34513-0004	DARK GRAY	D	0					
34511-1011	34514-0001	34512-0002	34513-0001	BLACK	A	2	X	X			X



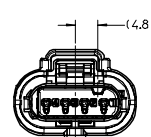
KEYING OPTION A



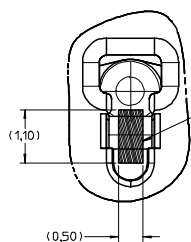
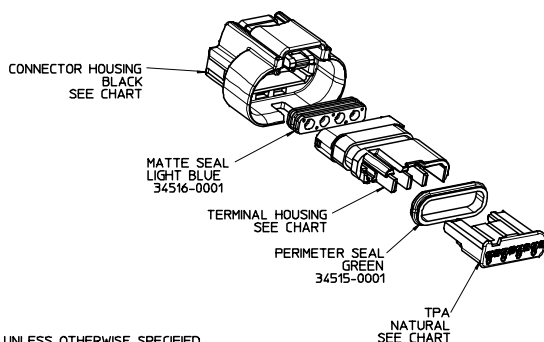
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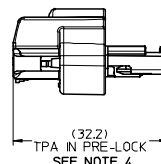
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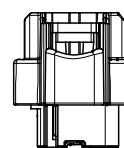
KEYING OPTION D



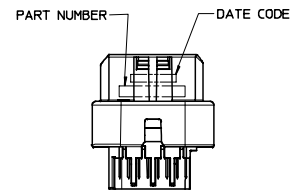
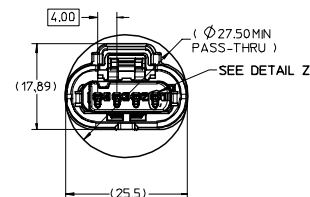
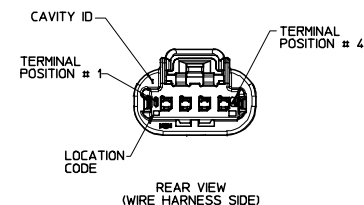
DETAIL Z
SCALE 20:1



TPA IN PRE-LOCK
SEE NOTE 4



TPA IN FINAL LOCK
SEE NOTE 4





TRACEABILITY MARKINGS

NOTES: UNLESS OTHERWISE SPECIFIED,

- MATERIAL
PLASTIC: GLASS FILLED SPS RESIN
SEALS: SILICONE
- FOR RECEPTACLE TERMINAL TO BE USED WITH THIS ASSEMBLY
SEE MOLEX DRAWING SD-33468-001
TERMINAL BOX AND CRIMP SHOULD BE PARALLEL TO EACH OTHER
WITHIN ONE DEGREE (1°) TO PREVENT TERMINAL STUBBING.
- DESIGNED TO MATE WITH HIRSCHMANN DRAWING 872-975-XXX
VARIANTE 1 WITH FORM 1 BLADES ON DRAWING 1 99 51 50733 1.
- ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK POSITION.
EACH TPA MUST BE SNAPPED INTO FINAL LOCK
POSITION UPON FULL TERMINAL ASSEMBLY.
- SYSTEM TO BE USED WITH SAE 18 AWG, 20 AWG AND 22 AWG WIRES
WITH DIAMETERS IN THE RANGE OF 1,5 MM TO 2,13 MM.
- TO PREVENT TERMINAL BEAM DAMAGE, USE RECTANGULAR
FLAT TIPPED PROBES FOR TERMINAL PROBING.
- TPA FORCES
A. ENGAGEMENT FORCE - WITH TERMINALS (PRE-LOCK TO FINAL-LOCK): 70 N MAX
B. DISENGAGEMENT FORCE - WITH TERMINALS (FINAL-LOCK TO PRE-LOCK): 15N MIN
- FOR RECYCLING INFORMATION CONTACT MOLEX.
- SHALL CONFORM TO THE FOLLOWING PACKAGING SPECIFICATION NUMBER: PK-31300-163
- FINISHED ASSEMBLIES TO BE MARKED WITH DATE CODE AND PART NUMBER.
- TPA'S MAY BECOME SEATED DURING TRANSIT. IF THIS OCCURS, TPA'S SHOULD BE
MOVED TO THE PRE-LOCKED POSITION PRIOR TO FEMALE TERMINAL INSTALLATION.
- FORCE TO BE APPLIED TO SECONDARY LOCK FOR CAVITY DAMAGE SUSCEPTIBILITY
TESTING (USCAR 5.4.9) TO BE 60 N.



EC NO: UAU2006-0517 DRWN:SVRZYL 2006/04/07 CHKD:SVRZYL 2006/04/10 APPR:SMARCEAU2006/04/10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 2:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY							
								mm		INCH		DIMENSION STYLE MM ONLY	TITLE CONNECTOR ASSEMBLY 4 CKT 1.2 MM SEALED	
								4 PLACES	± ---	± ---	DRAWN BY			DATE
								3 PLACES	± ---	± ---	P.JOSHI			022004
								2 PLACES	± ---	± ---	CHECKED BY			DATE
1 PLACE	± ---	± ---	B.FLOWER	022004		MOLEX INCORPORATED								
J	DESCRIPTION	ANGULAR ± --- °		APPROVED BY		DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.					
		DRAFT WHERE APPLICABLE		S.MARCEAU		022004	SEE CHART	SD-34511-001	1 OF 1					
		MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
REV														

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1