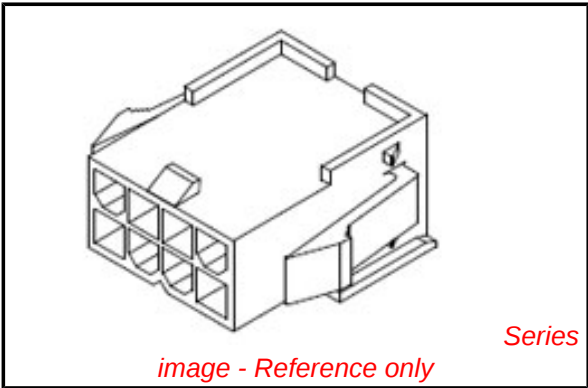


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0496230690](#)
Status: **Active**
Description: 4.20mm (.165") Wire-to-Wire TPA™ Connector for Male Housing, 6 Circuits, UL94V-2, White

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-49623-001 \(PDF\)](#)

Agency Certification	
UL	E29179
General	
Product Family	Crimp Housings
Series	49623
Product Name	N/A
Physical	
Circuits (maximum)	6
Circuits Detail	6
Color - Resin	White
Flammability	94V-2
Gender	Male
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface (in)	0.165 In
Pitch - Mating Interface (mm)	4.20 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Electrical	
Current - Maximum per Contact	6A
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-49623-001
Sales Drawing	SD-49623-001



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free



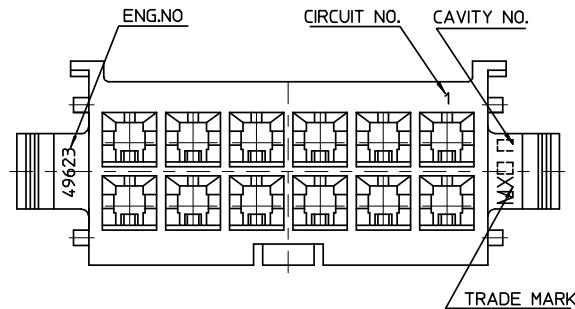
Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[49623Series](#)

Mates With
4.20mm (.165") Wire-to-Wire Female TPA™
[49624](#) , [49625](#) , [49626](#)

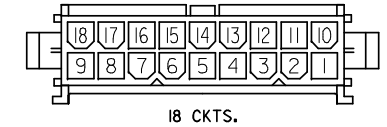
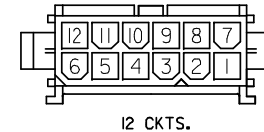
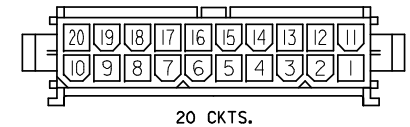
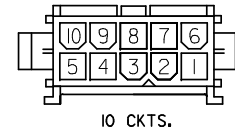
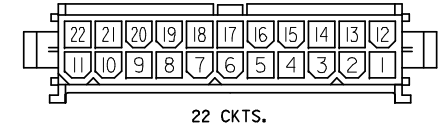
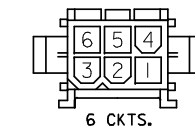
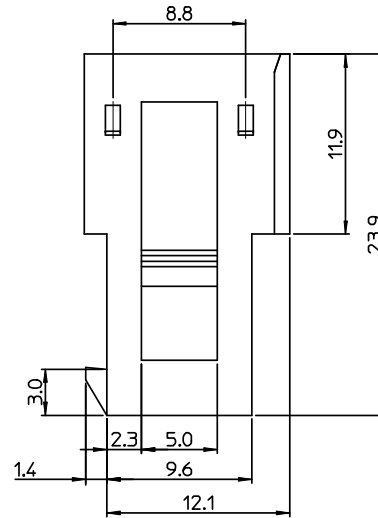
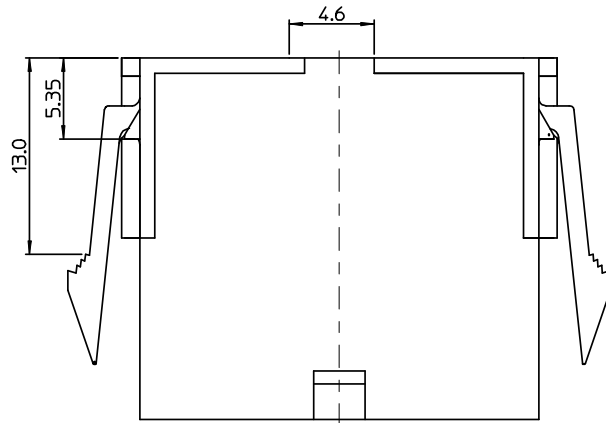
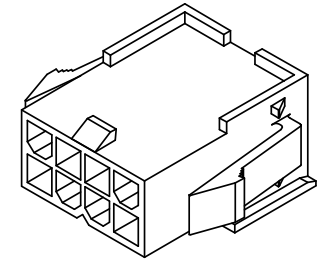
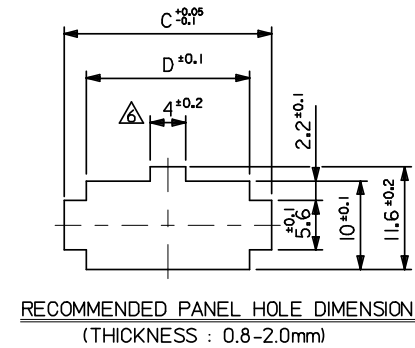
Use With
[5558](#) Mini-Fit® Crimp Terminal

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NOTES

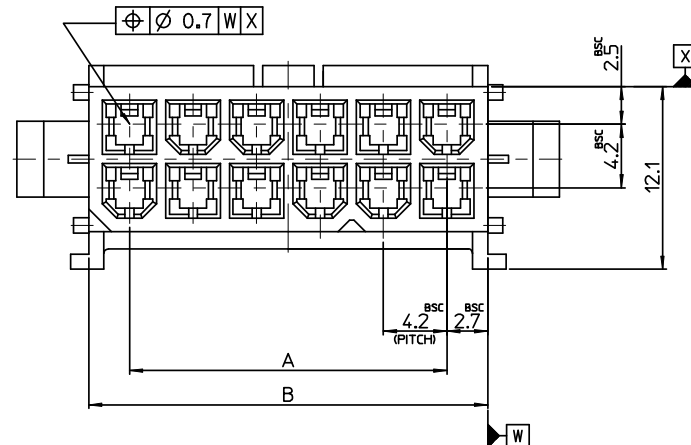
- MATERIAL :
- POLYAMID(PA66), UL94V-2, COLOR OF NATURAL
- POLYAMID(PA66), UL94V-0, COLOR OF IVORY
- APPLICABLE TERMINAL · SERIES 5558 T2A, 5558 T
- MATE WITH : SERIES 49624, 49625, 49626
- PRODUCT SPECIFICATION · PS-49623-001
- PACKAGE SPECIFICATION : PK-49623-001
- PANEL HOLE TO BE PUNCHED OUT IN THE SAME DIRECTION AS INSERTION INTO THE PANEL



CIRCUIT SIZE LAYOUT

TABLE-1

49623-2295	496232295	49623-2290	496232290	22
49623-2095	496232095	49623-2090	496232090	20
49623-1895	496231895	49623-1890	496231890	18
49623-1295	496231295	49623-1290	496231290	12
49623-1095	496231095	49623-1090	496231090	10
49623-0695	496230695	49623-0690	496230690	06
ENG NO.	MATERIAL NO.	ENG NO.	MATERIAL NO.	CIRCUIT SIZE
POLYAMID(PA66), UL94V-0		POLYAMID(PA66), UL94V-2		



47.8	52.6	47.4	42	22
43.6	48.6	43.2	37.8	20
39.4	44.4	39	33.6	18
26.8	31.8	26.4	21	12
22.6	27.6	22.2	16.8	10
14.2	19.2	13.8	8.4	6
D	C	B	A	CIRCUIT

RELEASED
EC NO: KOR2008-0134
DRAWN: SKHAN01 2008/02/27
CHKD: WY YANG 2008/02/29
APPR: YUNSIKKIM 2008/02/29

QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.3 ± ---
1 PLACE ± 0.3 ± ---
ANGULAR ± 3 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
SK .HAN 2008/01/28
CHECKED BY DATE
WY .YANG 2008/01/28
APPROVED BY DATE
EH .JUNG 2008/01/28
MATERIAL NO.
SEE TABLE

SCALE 4:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
TITLE
4.2MM W/W TPA CONN.
FOR MALE HOUSING
MOLEX INCORPORATED
DOCUMENT NO.
SD-49623-001
SHEET NO.
1 OF 1