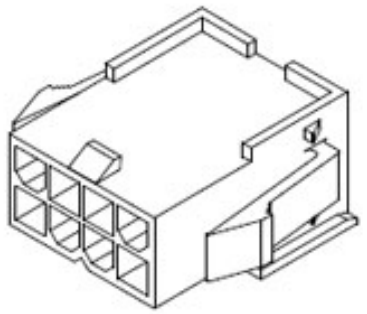
This document was generated on 04/23/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0496231890
Status: Active
Description: 4.20mm (.165") Wire-to-Wire TPA™ Connector for Male Housing, 18 Circuits, UL94V-2, White



Series image - Reference only

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)	18
Circuits Detail	18
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

China RoHS

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.

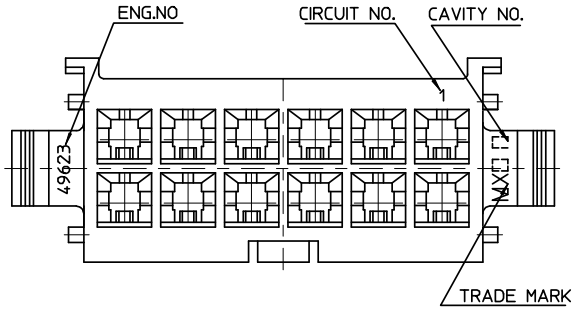
Search Parts in this Series
49623Series

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

Use With
5558 Mini-Fit® Crimp Terminal

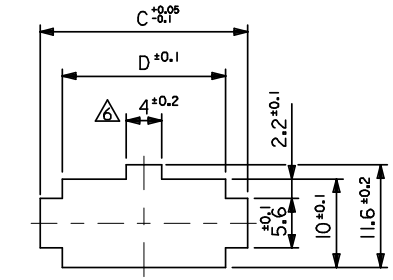
This document was generated on 04/23/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

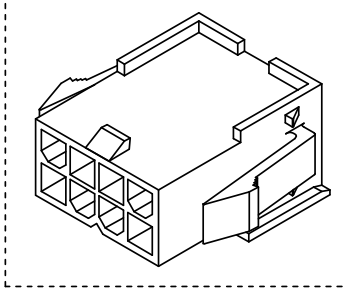


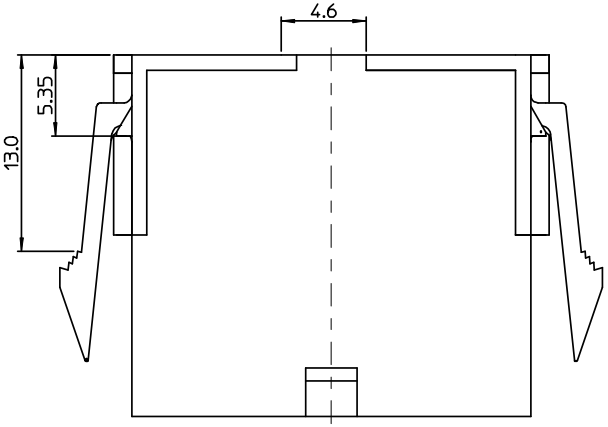
NOTES

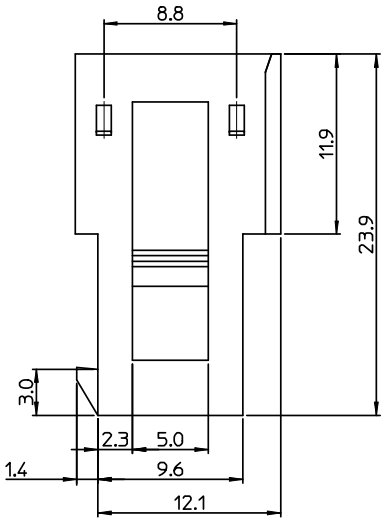
1. MATERIAL :
   -. POLYAMID(PA66), UL94V-2, COLOR OF NATURAL
   -. POLYAMID(PA66), UL94V-0, COLOR OF IVORY
2. APPLICABLE TERMINAL : SERIES 5558 T2A, 5558 T
3. MATE WITH : SERIES 49624, 49625, 49626
4. PRODUCT SPECIFICATION : PS-49623-001
5. PACKAGE SPECIFICATION : PK-49623-001
6. PANEL HOLE TO BE PUNCHED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

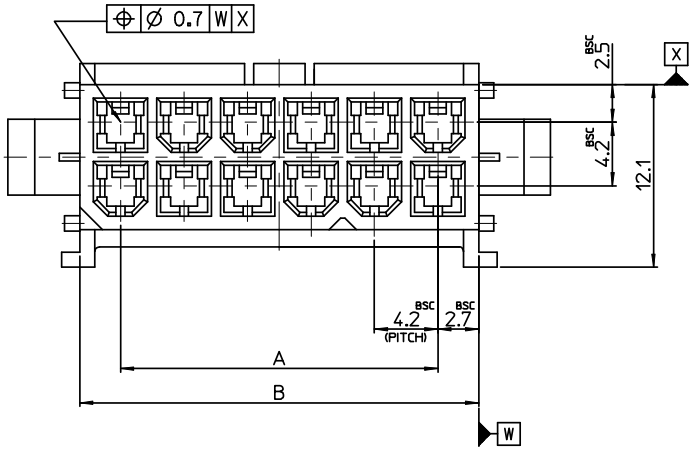


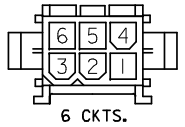
RECOMMENDED PANEL HOLE DIMENSION
(THICKNESS : 0.8-2.0mm)



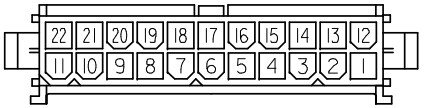




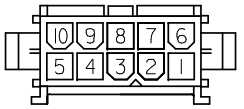




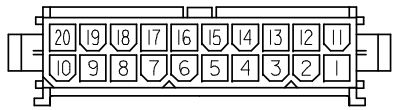
6 CKTS.



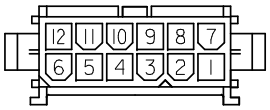
22 CKTS.



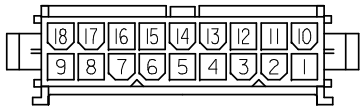
10 CKTS.



20 CKTS.



12 CKTS.



18 CKTS.

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 2008/02/27
DRWN:SKHAN01 2008/02/29
CHKD:WY.YANG 2008/02/29
APPR:YUNSIKKIM 2008/02/29
DESCRIPTION
REV
A

QUALITY SYMBOLS
▼=0
▽C=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
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	DATE
SK.HAN	2008/01/28
CHECKED BY	DATE
WY.YANG	2008/01/28
APPROVED BY	DATE
EH.JUNG	2008/01/28

TITLE: 4.2MM W/W TPA CONN. FOR MALE HOUSING

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-49623-001
SHEET NO.: 1 OF 1

SIZE A2

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