

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0495180290](#)
Status: **Active**
Description: 3.96mm (.156") Pitch Wire-to-Board Retainer, 2 Circuits, UL94V-2, Natural

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-49517-001 \(PDF\)](#)

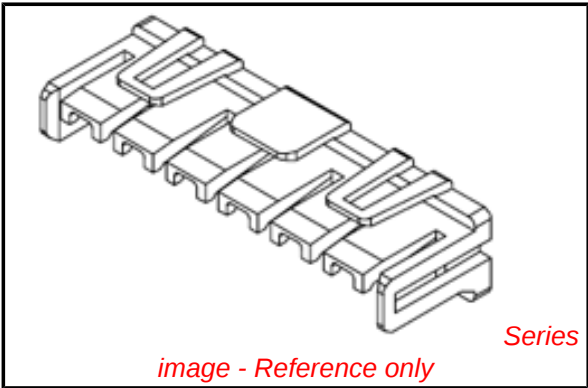
General
Product Family Accessories
Series [49518](#)
Component Type Retainer
Product Name TPA™ - Term Pos Assurance

Physical
Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
Color - Resin Natural
Lock to Mating Part Yes
Material - Resin Nylon
Number of Rows 1
Packaging Type Bag
Temperature Range - Operating -40°C to +105°C

Electrical
Current - Maximum per Contact 7A

Material Info

Reference - Drawing Numbers
Packaging Specification PK-49518-001
Product Specification PS-49517-001
Sales Drawing SD-49518-001



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

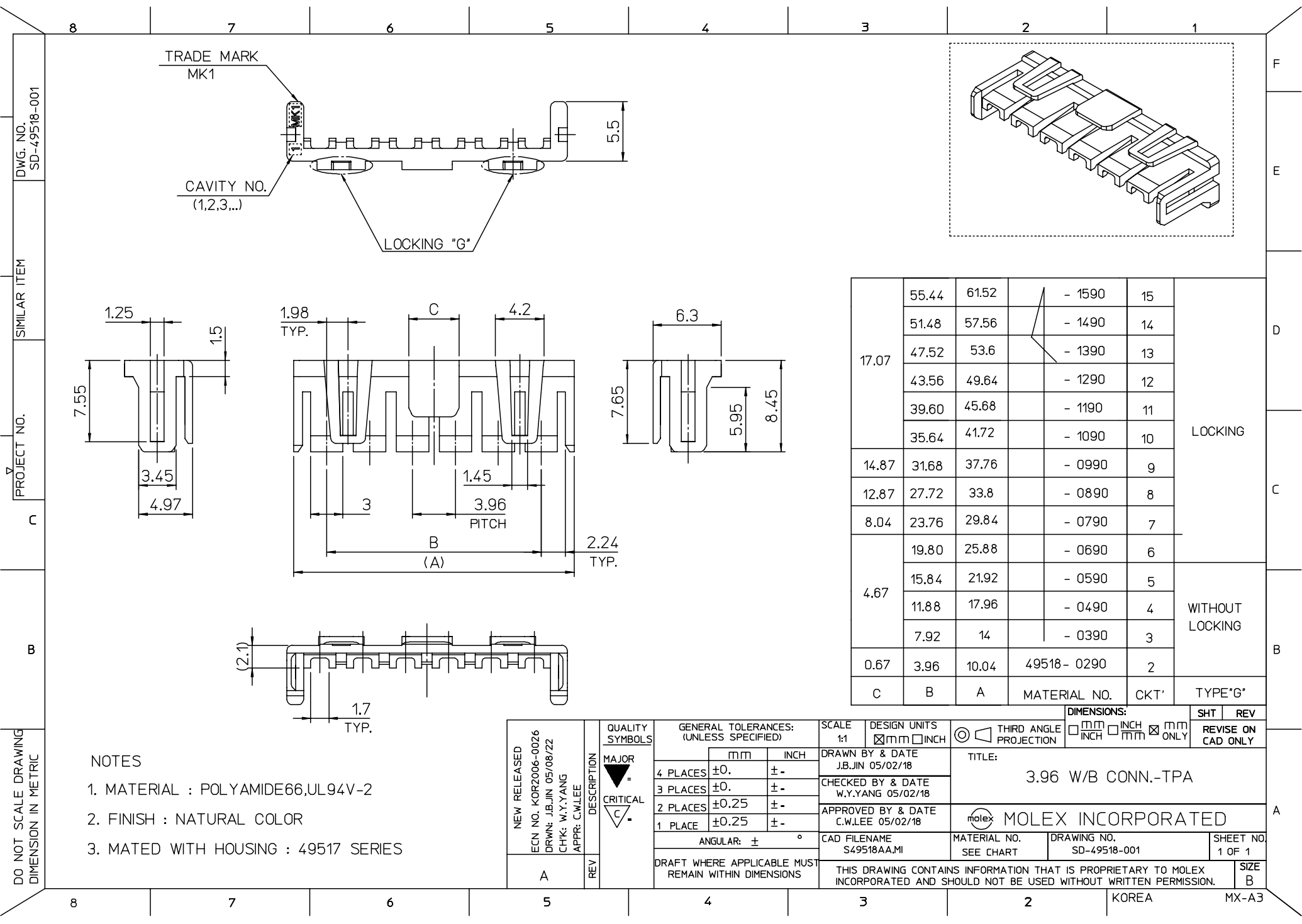
China RoHS



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
[49518Series](#)

Use With
[49517 Wire-to-Board Female Housing](#)



DO NOT SCALE DRAWING
DIMENSION IN METRIC

B

C

PROJECT NO.

SIMILAR ITEM

DWG. NO.
SD-49518-001

NOTES

- 1. MATERIAL : POLYAMIDE66,UL94V-2
- 2. FINISH : NATURAL COLOR
- 3. MATED WITH HOUSING : 49517 SERIES

NEW RELEASED
ECN NO. KOR2006-0026
DRWN: J.B.JIN 05/08/22
CHK: W.Y.YANG
APPR: C.W.LEE

A

DESCRIPTION

REV

QUALITY SYMBOLS

MAJOR

CRITICAL

GENERAL TOLERANCES:
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.25	±.
1 PLACE	±0.25	±.

ANGULAR: ± °

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

SCALE
1:1

DESIGN UNITS
☒ mm ☐ INCH

DRAWN BY & DATE
J.B.JIN 05/02/18

CHECKED BY & DATE
W.Y.YANG 05/02/18

APPROVED BY & DATE
C.W.LEE 05/02/18

CAD FILENAME
S49518AA.MI

TITLE:
3.96 W/B CONN.-TPA

MOLEX INCORPORATED

MATERIAL NO.
SEE CHART

DRAWING NO.
SD-49518-001

SHEET NO.
1 OF 1

SIZE
B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

17.07	55.44	61.52	- 1590	15	LOCKING
	51.48	57.56	- 1490	14	
	47.52	53.6	- 1390	13	
	43.56	49.64	- 1290	12	
	39.60	45.68	- 1190	11	
	35.64	41.72	- 1090	10	
14.87	31.68	37.76	- 0990	9	WITHOUT LOCKING
12.87	27.72	33.8	- 0890	8	
8.04	23.76	29.84	- 0790	7	
4.67	19.80	25.88	- 0690	6	
	15.84	21.92	- 0590	5	WITHOUT LOCKING
	11.88	17.96	- 0490	4	
	7.92	14	- 0390	3	
0.67	3.96	10.04	49518- 0290	2	WITHOUT LOCKING
C	B	A	MATERIAL NO.	CKT'	

DIMENSIONS:

☐ mm ☐ INCH ☒ mm ONLY

SHT REV

REVISE ON
CAD ONLY