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Part Number: [0495170600](#)
Status: **Active**
Description: 3.96mm (.156") Pitch Wire-to-Board Female Housing, 6 Circuits, Natural

Documents:

Drawing (PDF)	Product Specification PS-49517-001 (PDF)
Packaging Specification (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179
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General

Product Family	Crimp Housings
Series	49517
Product Name	N/A

Physical

Breakaway	No
Circuits (maximum)	6
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.156 In
Pitch - Mating Interface (mm)	3.96 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-25°C to +85°C

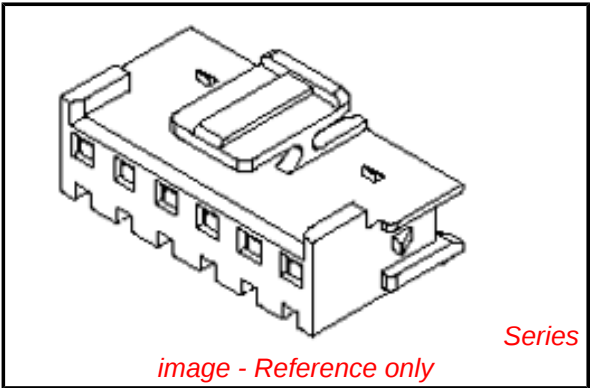
Electrical

Current - Maximum per Contact	7A
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Material Info

Reference - Drawing Numbers

Product Specification	PS-49517-001
Sales Drawing	SD-49517-001



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

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

[49517Series](#)

Mates With

[35978](#) Header

Use With

[359229002](#) Wire-to-Board Terminal. [49518](#)
TPA™

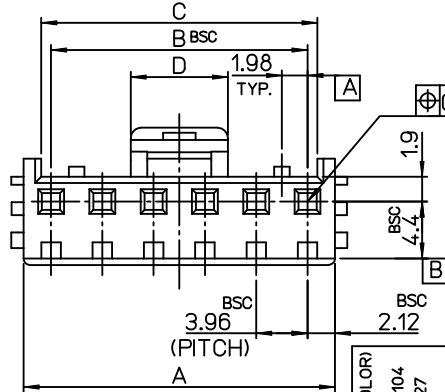
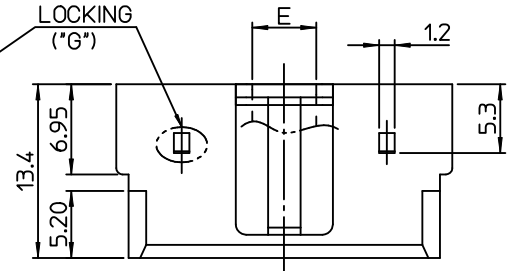
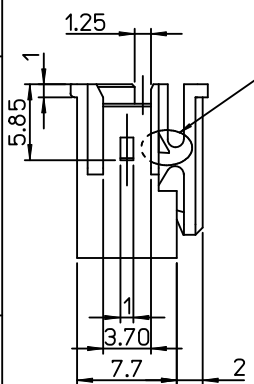
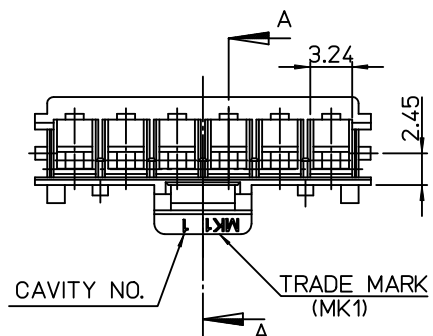
DWG. NO.
SD-49517-001

SIMILAR ITEM

PROJECT NO.

B

DO NOT SCALE DRAWING
DIMENSION IN METRIC



NOTES

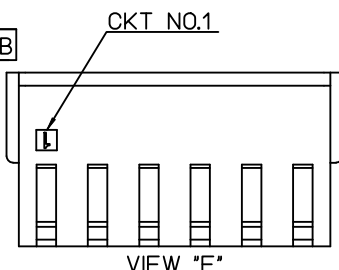
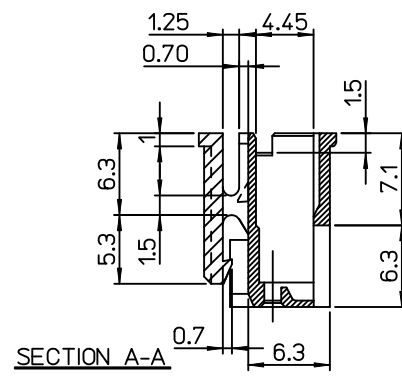
1. MATERIAL : POLYAMIDE66,UL94V-0
2. FINISH : NATURAL COLOR
3. APPLICABLE TERMINAL : 35922-9002
4. USED WITH T.P.A : 49518 SERIES
5. MATED WITH HEADER ASS'Y : 35978 SERIES

LEGEND

49517 - ** 0 *

COLOR - 0 : NATURAL COLOR
2 : RED COLOR
3 : YELLOW COLOR
4 : BLUE COLOR

CIRCUIT SIZE



17.34	19.9	56.88	55.44	59.68	- 150*	15	LOCKING
		52.92	51.48	55.72	- 140*	14	
		48.96	47.52	51.76	- 130*	13	
		45.00	43.56	47.80	- 120*	12	
		41.04	39.60	43.84	- 110*	11	
		37.08	35.64	39.88	- 100*	10	
15.14	17.7	33.12	31.68	35.92	- 090*	9	WITHOUT LOCKING
13.14	15.7	29.16	27.72	31.96	- 080*	8	
8.31	10.87	25.20	23.76	28.0	- 070*	7	
4.94	7.5	21.24	19.80	24.04	- 060*	6	
		17.28	15.84	19.82	- 050*	5	
		13.32	11.88	15.86	- 040*	4	
		9.36	7.92	11.90	- 030*	3	
0.94	3.5	5.4	3.96	7.94	49517- 020*	2	
E	D	C	B	A	MATERIAL NO.	CKT'	TYPE'G'

REVISED (ADDED COLOR) ECN NO. KOR2007-0104 DRWN: J.B.JIN 07/03/27 CHK: W.Y.YANG APPR: E.HJUNG	QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 1 : 1	DESIGN UNITS ☒ MM ☐ INCH	THIRD ANGLE PROJECTION	TITLE: 3.96 W/B CONN.HOUSING (TPA TYPE)	MOLEX INCORPORATED	MATERIAL NO. SEE CHART	DRAWING NO. SD-49517-001	SHEET NO. 1 OF 1			
		4 PLACES	±0.	±-	DRAWN BY & DATE J.B.JIN 05/02/18									
		3 PLACES	±0.	±-	CHECKED BY & DATE W.Y.YANG 05/02/18									
		2 PLACES	±0.25	±-	APPROVED BY & DATE C.W.LEE 05/02/18									
B	REV	ANGULAR: ± °		CAD FILENAME e49517aa.mi		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE B		KOREA MX-A3				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												