

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **5005920600**
Status: **Active**
Description: 2.50mm (.098") Pitch Wire-to-Wire and Wire-to-Board Housing, Positive Lock, 6 Circuits

Documents:

[3D Model](#) [Product Specification PS-500592-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family Crimp Housings
 Series [500592](#)
 Product Name N/A

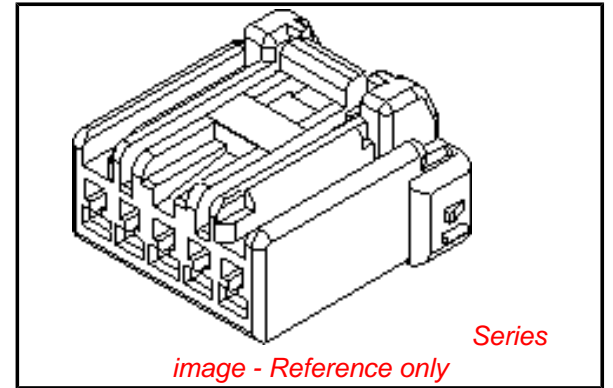
Physical

Circuits (maximum) 6
 Color - Resin Natural
 Gender Female
 Glow-Wire Compliant No
 Material - Resin Polyester
 Number of Rows 1
 Packaging Type Bag
 Panel Mount No
 Pitch - Mating Interface (in) 0.098 In
 Pitch - Mating Interface (mm) 2.50 mm
 Temperature Range - Operating -40°C to +85°C

Material Info

Reference - Drawing Numbers

Product Specification PS-500592-001, RPS-500592-001, RPS-500592-002, RPS-500592-003
 Sales Drawing SD-500592-001



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.

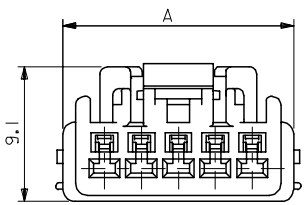
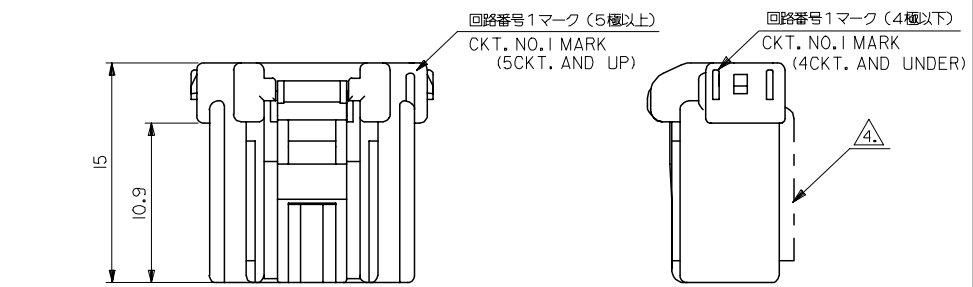
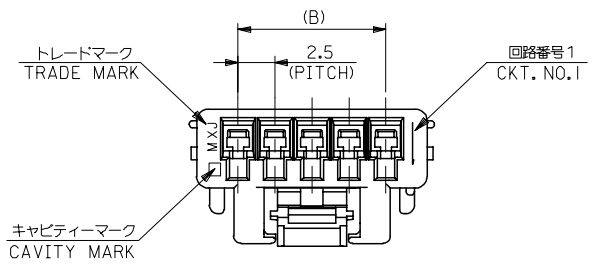
Search Parts in this Series
[500592Series](#)

Mates With
[500593](#)

Use With
[50397](#) , [500817](#)

10 9 8 7 6 5 4 3 2 1

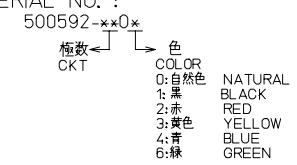
SHAPE OF
500592-050*



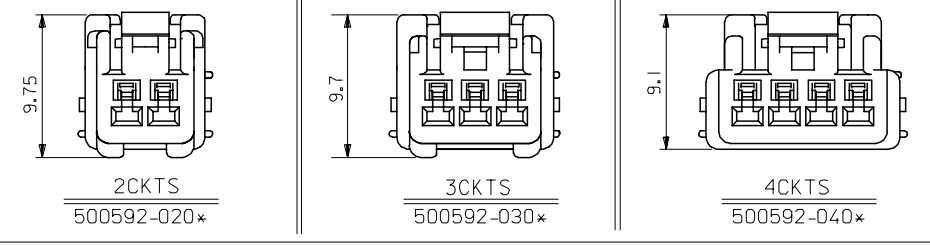
注記
NOTES

- 1. 適合ターミナル：50397シリーズ
APPLICABLE TERMINAL：50397 SERIES
- 2. 適合リテーナー：500817シリーズ
APPLICABLE RETAINER：500817 SERIES
- 3. 嵌合相手：500593シリーズ
MATE WITH：500593 SERIES
- 4. 2及び3種に適用。
APPLY 2&3 CIRCUITS.
- 5. 材質：PBT (UL94V-0)
MATERIAL：PBT(UL94V-0)

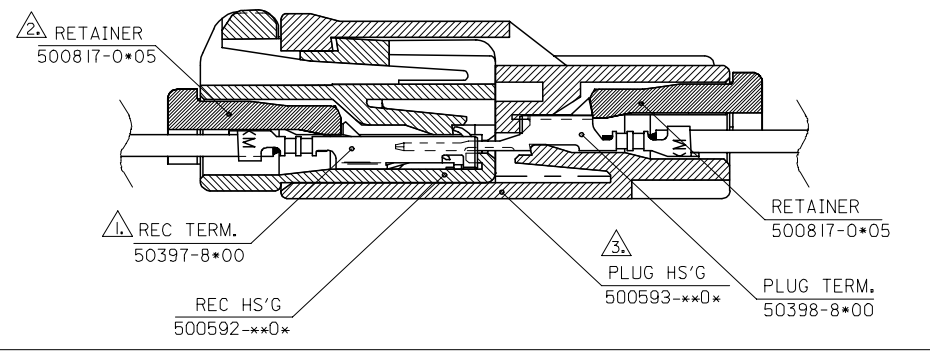
6. MATERIAL NO. は以下の内容を示す。
MATERIAL NO. :



4種以下での極数レイアウト図
LAYOUT OF 2/3/4CKTS.



ターミナル装着状態図
TERMINAL ASSEMBLY DRAWING



REVISED EC NO: J2006-1361 DRW: MABEI CHK: KATOYODA APP: NUKITA	DESCRIPTION 2005/10/27 2005/10/27 2005/11/01	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	500592-**-0*	MODEL NO.
		10 UNDER	±0.2	DRAWN BY T.ODA	DATE '04/06/09	TITLE 2.5MM WIRE TO WIRE CONN RECEPTACLE HOUSING	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		10 OVER 30 UNDER	±0.25	CHECKED BY S. ICHIKAWA	DATE '04/06/09	MOLEX INCORPORATED	DOCUMENT NO. SD-500592-001	SHEET NO. 1 OF 2
		30 OVER	±0.3	APPROVED BY Y. ITO	DATE '04/06/09			
ANGULAR ±3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART				
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10 9 8 7 6 5 4 3 2 1

F

F

E

E

D

D

C

C

B

B

A

A

500593-080*	500817-0805	17.5	23.1	8	500592-0806	500592-0804	500592-0803	500592-0802		500592-0800	500592-***0*
└ -070*	└ -0705	15	20.6	7	└ -0706	└ -0704	└ -0703	└ -0702		└ -0700	
└ -060*	└ -0605	12.5	18.1	6	└ -0606	└ -0604	└ -0603	└ -0602		└ -0600	
└ -050*	└ -0505	10	15.6	5	└ -0506	└ -0504	└ -0503	└ -0502		└ -0500	
└ -040*	└ -0405	7.5	13.1	4	└ -0406	└ -0404	└ -0403	└ -0402		└ -0400	
└ -030*	└ -0305	5	10.6	3	└ -0306	└ -0304	└ -0303	└ -0302		└ -0300	
500593-020*	500817-0205	2.5	8.1	2	500592-0206	500592-0204	500592-0203	500592-0202	500592-0201	500592-0200	MODEL NO.
MATE WITH	CONFORTABLE-RETAINER	B	A	CKT.	GREEN	BLUE	YELLOW	RED	BLACK	NATURAL	

REVISED EC NO: J2006-1361 DRWN: NABEI 2005/10/27 CHKD: KTOYODA 2005/10/27 APPR: NUKITA 2005/11/01 A	DESCRIPTION GENERAL TOLERANCES (UNLESS SPECIFIED) 10 UNDER ± 0.2 10 OVER 30 UNDER ± 0.25 30 OVER ± 0.3 ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		DRAWN BY T.ODA	DATE '04/06/09	TITLE 2.5MM WIRE TO WIRE CONN RECEPTACLE HOUSING	
		CHECKED BY S. ICHIKAWA	DATE '04/06/09	MOLEX INCORPORATED	
		APPROVED BY Y. ITO	DATE '04/06/09	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-500592-001