

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5005920700**  
**Status:** **Active**  
**Description:** 2.50mm (.098") Pitch Wire-to-Wire and Wire-to-Board Housing, Positive Lock, 7 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

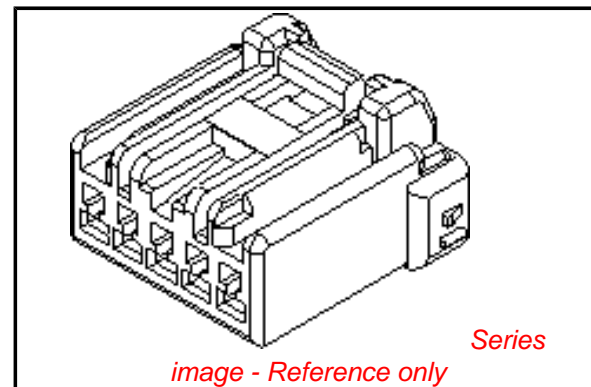
**Physical**

Circuits (maximum) 7  
 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](mailto: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.

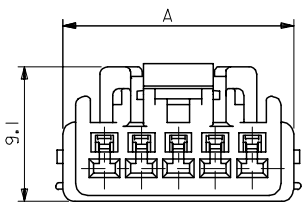
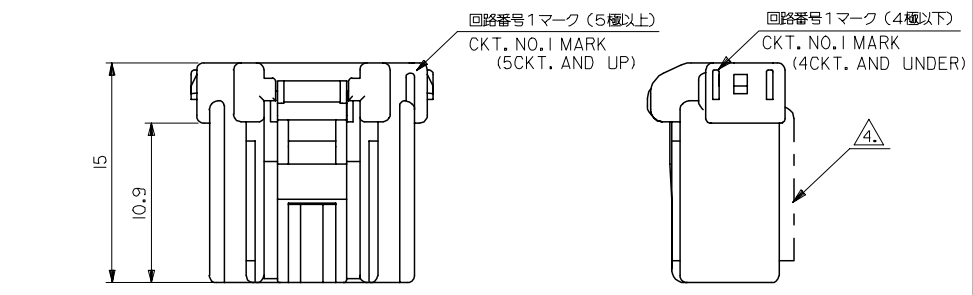
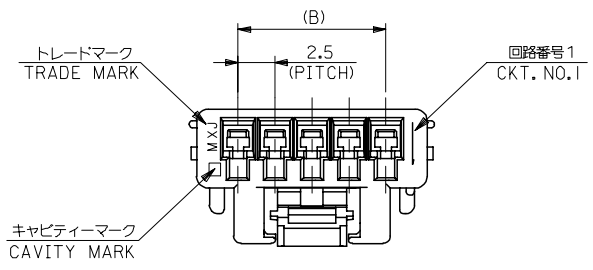
**Search Parts in this Series**  
[500592Series](#)

**Mates With**  
[500593](#)

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

10 9 8 7 6 5 4 3 2 1

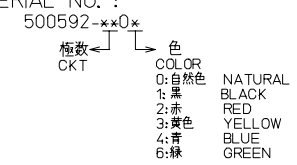
SHAPE OF  
500592-050\*



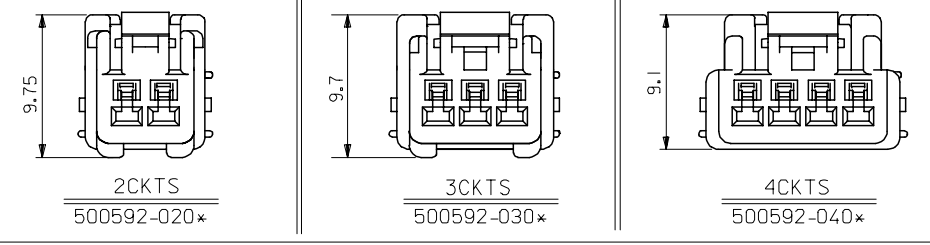
注記  
NOTES

- 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)

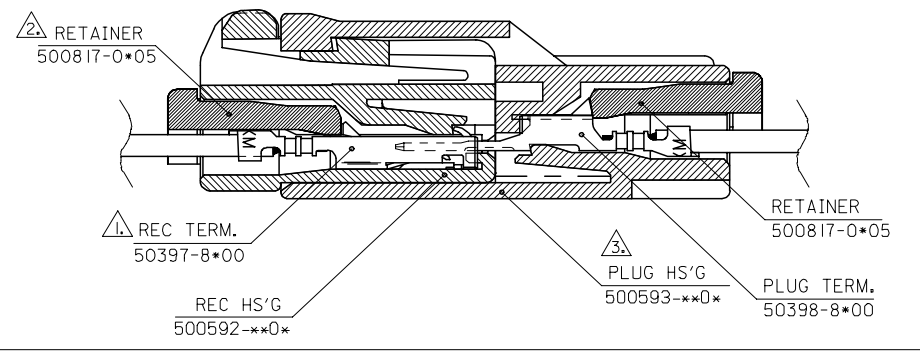
6. MATERIAL NO. は以下の内容を示す。  
MATERIAL NO. :



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 DRWN: NABE CHKD: KTOYODA APPR: NUKITA 2005/10/27 2005/10/27 2005/11/01	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	MODEL NO. 500592-**0*	THIRD ANGLE PROJECTION
	10 UNDER	±0.2	DRAWN BY T.ODA		DATE '04/06/09	TITLE 2.5MM WIRE TO WIRE CONN RECEPTACLE HOUSING		
	10 OVER 30 UNDER	±0.25	CHECKED BY S. ICHIKAWA		DATE '04/06/09	MATERIAL NO. SEE CHART		
	30 OVER	±0.3	APPROVED BY Y. ITO		DATE '04/06/09	DOCUMENT NO. SD-500592-001		
ANGULAR ±3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SHEET NO. 1 OF 2		

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)	DIMENSION STYLE MM ONLY	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
						10 UNDER ± 0.2
						10 OVER 30 UNDER ± 0.25
						30 OVER ± 0.3
ANGULAR ± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	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	APPROVED BY Y. ITO	DATE '04/06/09	MOLEX INCORPORATED		
MATERIAL NO. SEE CHART	DOCUMENT NO. SD-500592-001	SHEET NO. 2 OF 2				