



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## NOTES:

1. MATERIAL: COPPER ALLOY 151, 0.50mm THICK.

## 2. PLATING:

OVERALL \*TIN: 0.00254 MIN BRIGHT TIN  
OVER 0.00127 MIN NICKEL.SELECT GOLD: 0.00076 MIN. SELECT GOLD IN CONTACT AREA,  
0.00127 MIN. SELECT \*TIN IN CRIMP AREA, OVER 0.00127 MIN NICKEL.\*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS  
DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".  
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD.

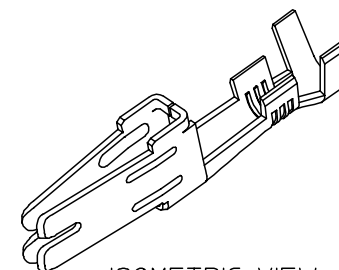
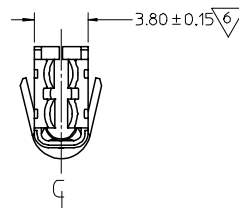
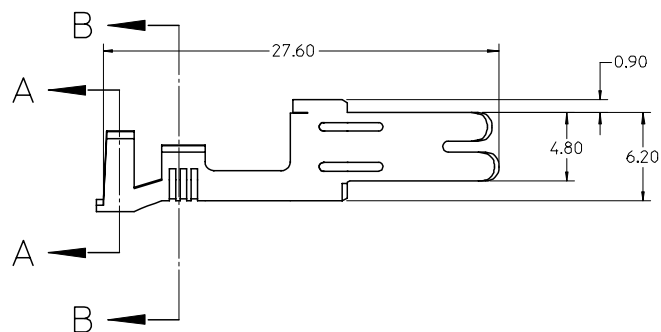
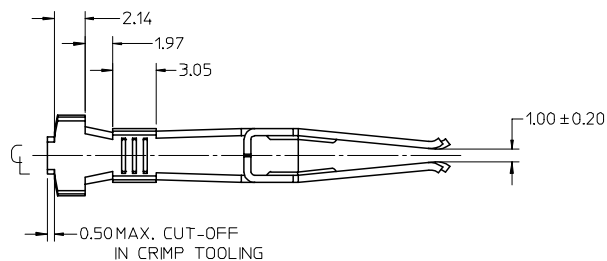
3. PRODUCT SPECIFICATION: PS-42815-001.

4. PART IS DESIGNED IN METRIC.

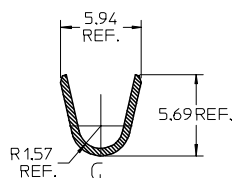
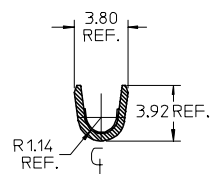
5. TERMINALS FOR USE WITH STRANDED WIRE ONLY.  
STRANDED TINNED WIRE IS RECOMMENDED.



6. AFTER CRIMPING, THIS DIMENSION IS 3.55mm MINIMUM.

7. CRIMP SPECIFICATION: 638301000.

8. WHEN USING TIN-PLATED TERMINALS FOR APPLICATIONS  
INVOLVING VIBRATION AND/OR THERMAL CYCLING,  
MOLEX STRONGLY RECOMMENDS THE USE OF NYE LUBRICANT,  
NYOGEL 760G, ON THE MATING AREA OF THE TERMINAL.  
LUBRICANT SHOULD BE APPLIED AFTER THE TERMINALS ARE  
INSERTED INTO THE HOUSING.

ISOMETRIC VIEW

SECTION A-A  
INSULATION CRIMPSECTION B-B  
CONDUCTOR CRIMP

MATERIAL NO.		PLATING							
42815-0041		TIN							
42815-0042		SELECT GOLD							
REVISED SECTIONS EC NO: UCP2006-1068 DRWN: JCOMERC 2005/11/07 CHKD: CHKO 2005/11/07 APPR: JCOMERC 2005/11/08 B2	DESCRIPTION	QUALITY SYMBOLS  ▽=0  ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
					DIMENSION STYLE MM ONLY				TITLE MINIFIT SR. FEMALE CRIMP TERMINAL, 14-16 AWG GOLD PLATED   MOLEX INCORPORATED
				APPROVED BY DATE		MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
				JCOMERC 2002/05/15		SEE CHART	SD-42815-020	1 OF 1	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					C

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