

Excellent Integrated System Limited

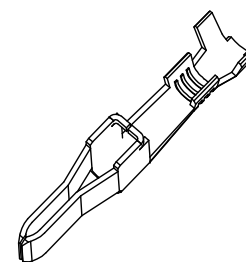
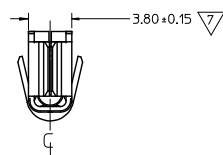
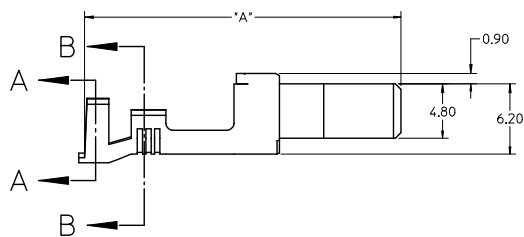
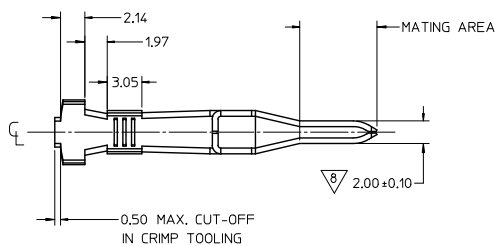
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

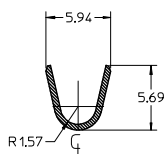
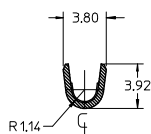
[Molex Connector Corporation](#)
[0428170141](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



ISOMETRIC VIEW

SECTION A-A
INSULATION CRIMPSECTION B-B
CONDUCTOR CRIMP

NOTES:

1. MATERIAL: COPPER ALLOY 151, 0.50mm THICK.
2. PLATING:
SELECT GOLD: 0.00076 MIN. SELECT GOLD IN CONTACT AREA.
0.00254 MIN. SELECT *TIN IN CRIMP AREA OVER 0.00127 NICKEL.
SELECT SILVER: 0.00254 MIN. SELECT SILVER IN CONTACT AREA.
0.00254 MIN. SELECT *TIN IN CRIMP AREA OVER 0.00127 NICKEL.
OVERALL TIN: 0.00254 MIN. BRIGHT *TIN OVER 0.00127 MIN. NICKEL
3. PRODUCT SPECIFICATION: PS-42815-001.
4. PACKAGING INFORMATION: PK-42815-001.
5. PART IS DESIGN IN METRIC.
6. TERMINALS FOR USE WITH STRANDED WIRE ONLY.
STRANDED TINNED WIRE IS RECOMMENDED.
7. AFTER CRIMPING, THIS DIMENSION = 3.55mm MIN.
8. AFTER CRIMPING, THIS DIMENSION = 2.25mm MAX.
9. CRIMP SPECIFICATION: 638301000.
10. 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.
11. PARTS CONFORM TO CLASS 'B' REQUIREMENT OF COSMETIC SPEC PS-45499-002.
12. REFER AS-42815-001 FOR TIN PLATED TERMINALS RECOMMENDED LUBRICATION PROCEDURE.

MATERIAL NO.	CONFIGURATION	DIM. "A"	PLATING	STATUS
42817-0041	STANDARD	27.60	TIN	PLANNED FOR
42817-0141	MAKE-FIRST/BREAK-LAST	29.60	TIN	OBSOLESCENCE
42817-0042	STANDARD	27.60	SELECT GOLD	ACTIVE
42817-0142	MAKE-FIRST/BREAK-LAST	29.60	SELECT GOLD	ACTIVE
42817-1044	STANDARD	27.60	SELECT SILVER	ACTIVE
42817-1144	MAKE-FIRST/BREAK-LAST	29.60	SELECT SILVER	ACTIVE

NEW SILVER PLATING PARTS ADDED EC NO: 00P2015-2752 DRAWN BY: DRWINBR02 CHKD: 2015/12/24 APPR: KPRASAD 2015/02/09	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.40 ± --- 0 PLACE ± ± ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE MFIRLEJ 2002/05/15 CHECKED BY DATE JCOMERC I 2002/05/15 APPROVED BY DATE JCOMERC I 2002/05/15	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE MINIFIT SR. MALE CRIMP TERMINAL, 14-16 AWG molex DOCUMENT NO. SD-42817-020 SHEET NO. 1 OF 1