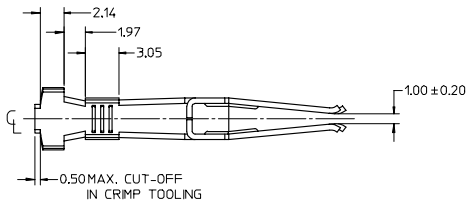
42815

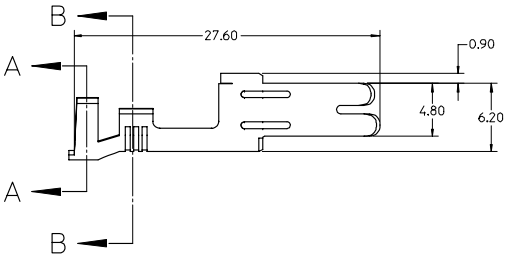
NOTES:

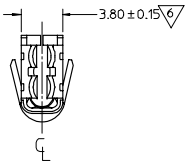
1. MATERIAL: COPPER ALLOY 151, 0.50mm THICK.
2. PLATING:
   OVERALL *TIN: 0.00254 MIN BRIGHT TIN
   OVER 0.00127 MIN NICKEL.

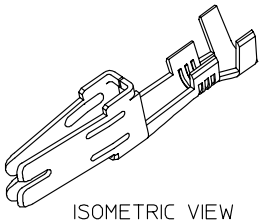
   SELECT GOLD: 0.00076 MIN. SELECT GOLD IN CONTACT AREA,
   0.00127 MIN. SELECT *TIN IN CRIMP AREA, OVER 0.00127 MIN NICKEL.

   *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.

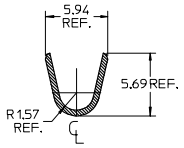




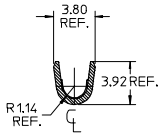




ISOMETRIC VIEW



SECTION A-A
INSULATION CRIMP



SECTION B-B
CONDUCTOR CRIMP

MATERIAL NO.	PLATING
42815-0041	TIN
42815-0042	SELECT GOLD

REVISED SECTIONS
EC NO: UCP2006-1068 2005/11/07
DRWN: JCOMERCI 2005/11/07
CHKD:
APPR: JCOMERCI 2005/11/08
DESCRIPTION
REV
B2

QUALITY SYMBOLS
▼ 0
▽ 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .016
1 PLACE	± 0.40	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SCALE	DESIGN UNITS
4:1	METRIC

THIRD ANGLE PROJECTION
REVISE ON CAD ONLY

DIMENSION STYLE: MM ONLY

DRAWN BY	DATE
MFIRLEJ	2002/05/15
CHECKED BY	DATE
JCOMERCI	2002/05/15
APPROVED BY	DATE
JCOMERCI	2002/05/15

TITLE
MINIFIT SR. FEMALE CRIMP TERMINAL, 14-16 AWG GOLD PLATED

molex MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-42815-020	1 OF 1

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rev. B1 2000/08/01

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