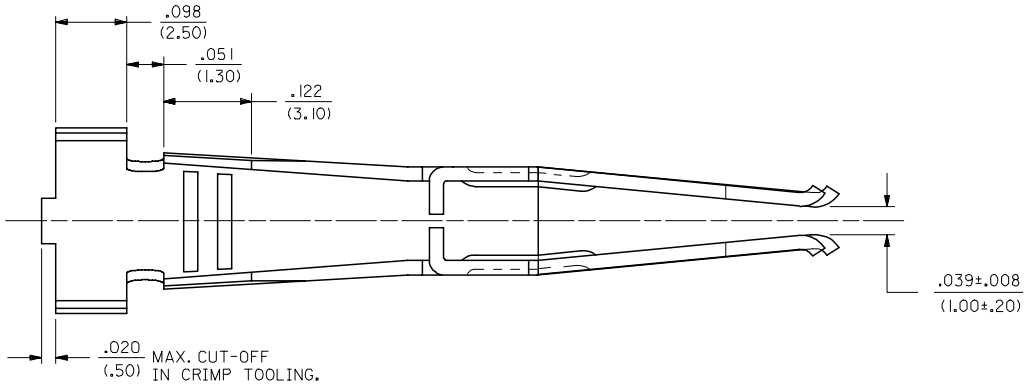
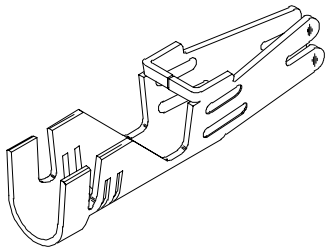
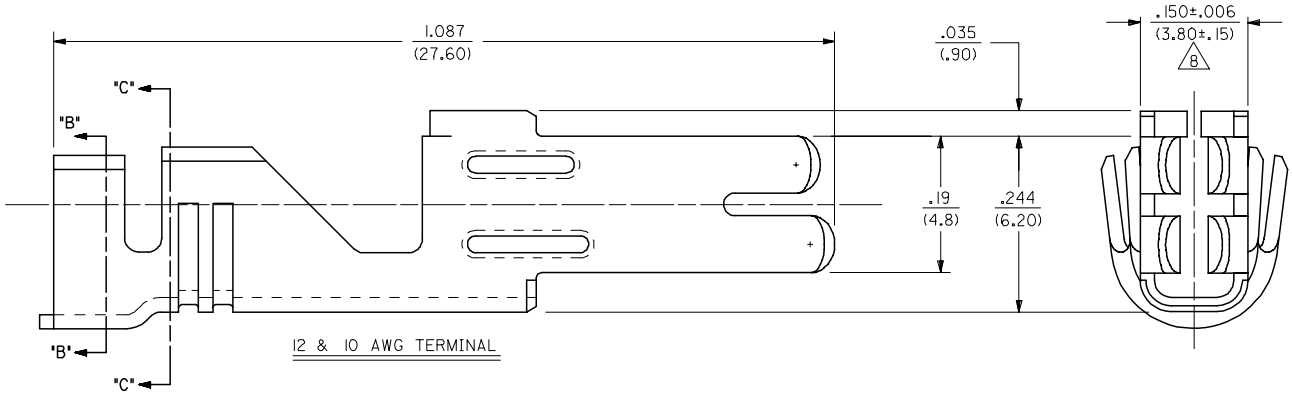
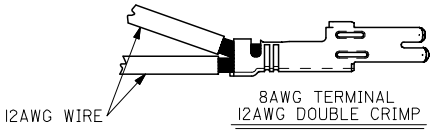




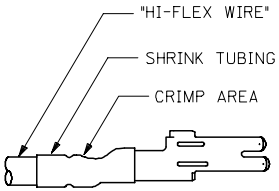
ISOMETRIC VIEW
(SCALE 4:1)



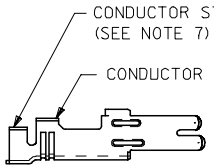
12 & 10 AWG TERMINAL



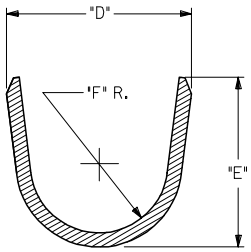
8AWG TERMINAL
12AWG DOUBLE CRIMP
(SEE NOTE 10)



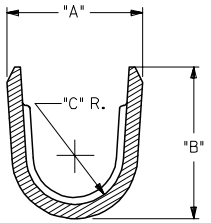
8 AWG TERMINAL
(SEE NOTE 9)



8 AWG TERMINAL
(SEE NOTE 7)



SECTION B-B



SECTION C-C
(BACKGROUND OMITTED)

REDRAWN IN ME10
EC NO: UCP2005-2769 2005/06/17
DRWN: JCOMERCI 2005/06/17
CH'KD: APPR: JCOMERCI 2005/06/17
DESCRIPTION
REV
H1

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

DIMENSION STYLE: IN/MM
SCALE: 8:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: RJF DATE: 1/6/92
CHECKED BY: RJF DATE: 1/6/92
APPROVED BY: RAS DATE: 1/6/92

TITLE: FEMALE CRIMP TERMINAL, 12, 10 & 8AWG MINIFIT SR.

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-42815-*
SHEET NO.: 1 OF 2

SIZE C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ITEM NUMBER	WIRE RANGE	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	DIM. F	MAX. INSULATION DIAMETER	PLATING
42815-0011	12 & 10 AWG	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	(067 (1.70) R.	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	.087 (2.20) R.	.209 (5.30) DIA.	OVERALL TIN
42815-0031	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	.067 (1.70) R.	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	.087 (2.20) R.	.260 (6.60) DIA.	
42815-0012	12 & 10 AWG	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	(067 (1.70) R.	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	.087 (2.20) R.	.209 (5.30) DIA.	SELECT GOLD
42815-0032	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	.067 (1.70) R.	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	.087 (2.20) R.	.260 (6.60) DIA.	

NOTES:

1) MATERIAL: COPPER ALLOY 151, .020/(.50) THICK.

2) PLATING:
   1 = .000100/(.00254) MIN. *TIN OVER .000050/(.00127) MIN. NICKEL.
   2 = .000030/(.00076) MIN. SELECT GOLD IN CONTACT AREA. .000100/(.00254) MIN. SELECT *TIN ON SOLDER TAILS OVER .000050/(.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 SPEC.: PS-42815-001

4) PART IS DESIGNED IN METRIC.

5) TERMINALS FOR USE WITH STRANDED WIRE ONLY.

6) ITEM NUMBERS PRECEEDED BY AN "X" IN THE CHART ARE NOT AVAILABLE.

7) THE 8 AWG TERMINAL HAS NO INSULATION CRIMP. THE SECONDARY CRIMP SECTION ACTS AS A STRAIN RELIEF ON THE BARE CONDUCTOR ONLY. SEE MOLEX CRIMP SPECIFICATION FOR DETAILS.

8 AFTER CRIMPING, THIS DIMENSION IS .140/(3.55) MINIMUM.

9) WHEN USING THE 8 AWG TERMINAL WITH "SUPERFLEX WIRE", MOLEX STRONGLY RECOMMENDS THAT THE APPROPRIATELY RATED HEAT SHRINK INSULATION BE APPLIED OVER THE WIRE INSULATION AND CRIMP AREA, AS SHOWN, TO MINIMIZE WIRE INSULATION CREEPAGE OUTSIDE OF HOUSING.

10) THE 8AWG TERMINAL WILL ALSO ACCOMODATE 2 12AWG WIRES SEE CRIMP SPEC FOR DETAILS.

11) CRIMP SPECS.:
   638210000 FOR 10AWG & 12AWG
   638300000 FOR 8AWG, 8AWG HI-FLEX & DOUBLE 12AWG

LEGEND:

42815 - 0 0 * *

CRIMP RANGE
1 = 12 & 10 AWG
3 = 8 AWG

PLATING
1 = OVERALL TIN OVER NICKEL
2 = SELECT GOLD IN CONTACT AREA SELECT TIN IN CRIMP AREA OVER NICKEL

SEE SHEET 1
EC NO: UCP2005-2769 2005/06/17
DRWN: JCOMERCI 2005/06/17
CHKD:
APPR: JCOMERCI 2005/06/17
DESCRIPTION
REV
H1

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
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ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 8:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: RJF DATE: 1/6/92
CHECKED BY: RJF DATE: 1/6/92
APPROVED BY: RAS DATE: 1/6/92

TITLE: FEMALE CRIMP TERMINAL 10-12 AWG & 8 AWG MINIFIT SR. SERIES

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-42815-*
SHEET NO.: 2 OF 2

SIZE C

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