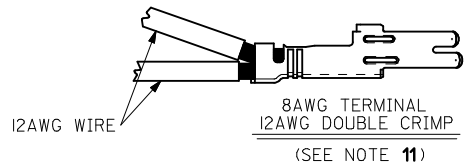
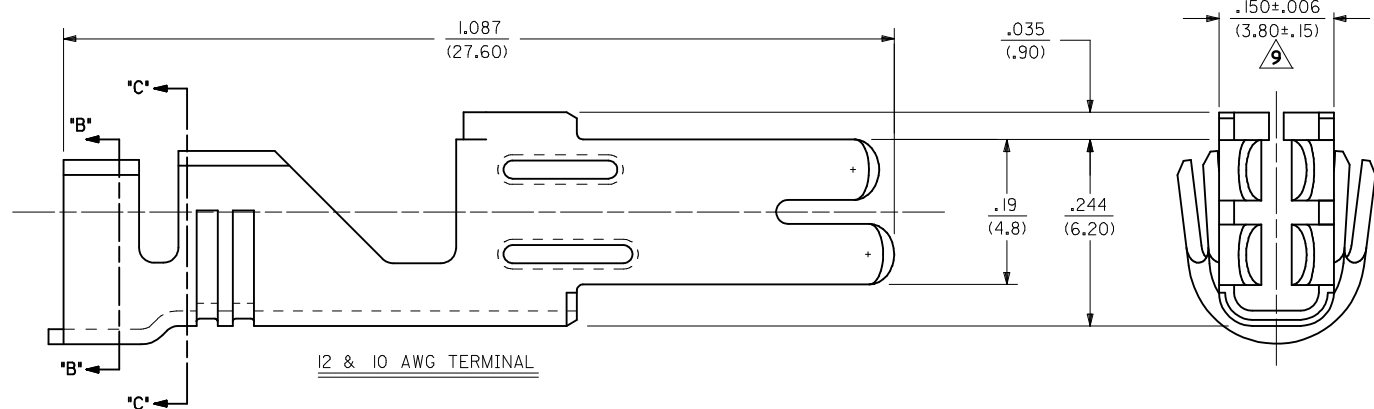
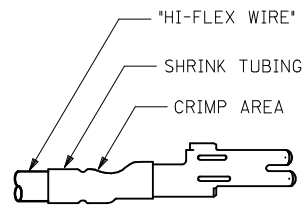


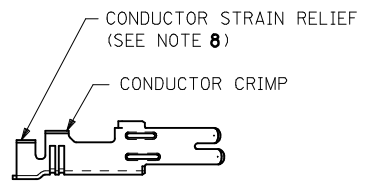
ISOMETRIC VIEW
(SCALE 4:1)



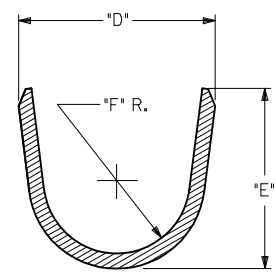
12AWG WIRE
8AWG TERMINAL
12AWG DOUBLE CRIMP
(SEE NOTE 11)



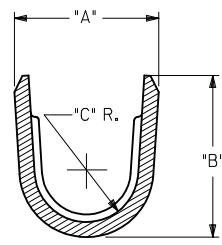
8 AWG TERMINAL
(SEE NOTE 10)



8 AWG TERMINAL
(SEE NOTE 8)



SECTION B-B



SECTION C-C
(BACKGROUND OMITTED)

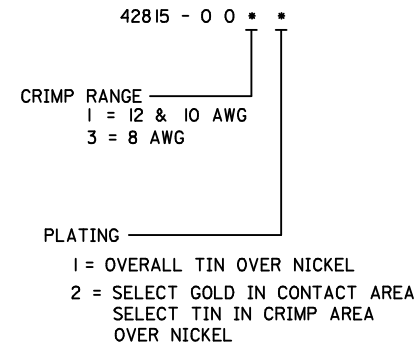
RENUMBER NOTES EC NO: UCP2013-5420 DRW: AELHAG 2013/11/11 CHKD: JELL 2013/11/11 APPR: FSMITH 2013/11/25	QUALITY SYMBOLS = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION									
		<table border="1"> <tr> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES ± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES ± ---</td> <td>± .010</td> </tr> <tr> <td>2 PLACES ± 0.25</td> <td>± .016</td> </tr> <tr> <td>1 PLACE ± 0.40</td> <td>± ---</td> </tr> </table>	mm	INCH	4 PLACES ± ---	± ---	3 PLACES ± ---	± .010	2 PLACES ± 0.25	± .016	1 PLACE ± 0.40	± ---	DRAWN BY: RJF DATE: 1/6/92	CHECKED BY: RJF DATE: 1/6/92	TITLE FEMALE CRIMP TERMINAL, 12, 10 & 8AWG MINIFIT SR.	
		mm	INCH													
		4 PLACES ± ---	± ---													
3 PLACES ± ---	± .010															
2 PLACES ± 0.25	± .016															
1 PLACE ± 0.40	± ---															
APPROVED BY: RAS DATE: 1/6/92	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-42815-*		SHEET NO. 1 OF 2											
REV H2	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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	$\frac{.213 \pm .024}{(5.40 \pm .60)}$	$\frac{.240 \pm .016}{(6.10 \pm .40)}$	$\frac{.067}{(1.70)}$ R.	$\frac{.232 \pm .024}{(5.90 \pm .60)}$	$\frac{.260 \pm .016}{(6.60 \pm .40)}$	$\frac{.087}{(2.20)}$ R.	$\frac{.209}{(5.30)}$ DIA.	OVERALL TIN
42815-0031	8 AWG	$\frac{.229 \pm .024}{(5.83 \pm .60)}$	$\frac{.292 \pm .016}{(7.42 \pm .40)}$	$\frac{.067}{(1.70)}$ R.	$\frac{.236 \pm .024}{(6.00 \pm .60)}$	$\frac{.216 \pm .016}{(5.50 \pm .40)}$	$\frac{.087}{(2.20)}$ R.	$\frac{.260}{(6.60)}$ DIA.	
42815-0012	12 & 10 AWG	$\frac{.213 \pm .024}{(5.40 \pm .60)}$	$\frac{.240 \pm .016}{(6.10 \pm .40)}$	$\frac{.067}{(1.70)}$ R.	$\frac{.232 \pm .024}{(5.90 \pm .60)}$	$\frac{.260 \pm .016}{(6.60 \pm .40)}$	$\frac{.087}{(2.20)}$ R.	$\frac{.209}{(5.30)}$ DIA.	SELECT GOLD
42815-0032	8 AWG	$\frac{.229 \pm .024}{(5.83 \pm .60)}$	$\frac{.292 \pm .016}{(7.42 \pm .40)}$	$\frac{.067}{(1.70)}$ R.	$\frac{.236 \pm .024}{(6.00 \pm .60)}$	$\frac{.216 \pm .016}{(5.50 \pm .40)}$	$\frac{.087}{(2.20)}$ R.	$\frac{.260}{(6.60)}$ 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.
- 3) PRODUCT SPEC.: PS-42815-001
- 4) PACKAGING INFORMATION: PK-42815-001.
- 5) PART IS DESIGNED IN METRIC.
- 6) TERMINALS FOR USE WITH STRANDED WIRE ONLY.
- 7) ITEM NUMBERS PRECEDED BY AN *X* IN THE CHART ARE NOT AVAILABLE.
- 8) 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.
- 9) AFTER CRIMPING, THIS DIMENSION IS .140/(3.55) MINIMUM.
- 10) 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.
- 11) THE 8AWG TERMINAL WILL ALSO ACCOMODATE 2 12AWG WIRES SEE CRIMP SPEC FOR DETAILS.
- 12) CRIMP SPECS.:
638210000 FOR 10AWG & 12AWG
638300000 FOR 8AWG, 8AWG HI-FLEX & DOUBLE 12AWG

LEGEND:



ADD PKG SPECS EC NO: UCP2013-5420 DRW: NAEHAG 2013/11/11 CHKD: JELL 2013/11/11 APPR: FSMITH 2013/11/25 HZ	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	DRAWN BY RJF	DATE 1/6/92	TITLE FEMALE CRIMP TERMINAL 10-12 AWG & 8 AWG MINIFIT SR. SERIES			
		2 PLACES ± 0.25 ± .016	1 PLACE ± 0.40 ± ---	CHECKED BY RJF	DATE 1/6/92	MOLEX MOLEX INCORPORATED			
		ANGULAR ± 1/2°		APPROVED BY RAS	DATE 1/6/92	DOCUMENT NO. SD-42815-*		SHEET NO. 2 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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