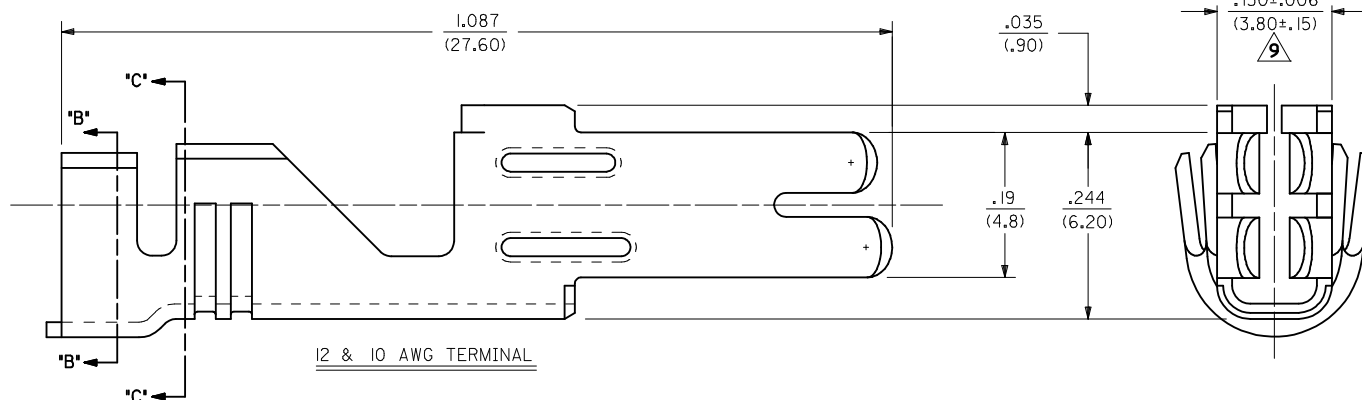
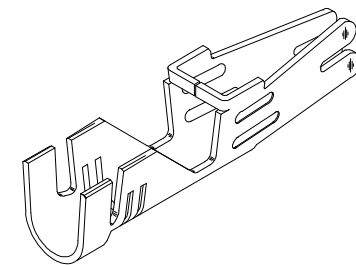
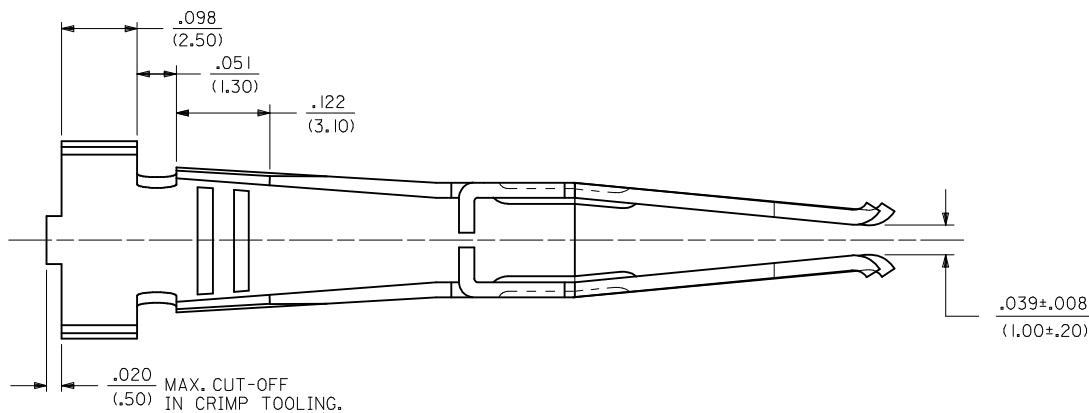


RENUMBER NOTES EC NO: UCP2013-5420 2013/11/11 DRWN:ELHAG 2013/11/11 CHKD:JBELL 2013/11/11 APPR:FSMITH 2013/11/25	DESCRIPTION REV H2	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY	DATE	TITLE				
			4 PLACES	± ---	± ---	RJF	1/6/92	FEMALE CRIMP TERMINAL, 12, 10 & 8AWG MINIFIT SR.				
			3 PLACES	± ---	± .010	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED				
			2 PLACES	± 0.25	± .016	RJF	1/6/92					
1 PLACE	± 0.40	± ---	APPROVED BY	DATE	DOCUMENT NO.							
			ANGULAR ±1/2°		RAS		1/6/92		SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		SD-42815-*		1 OF 2			
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

13	12	11	10	9	8	7	6	5	4	3	2	1
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:

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

ADD PKG SPECS EC NO: UCP2013-5420 DRWN: AELHAG 2013/11/11 CHKD: JBELL 2013/11/11 APPR: FSMITH 2013/11/25 REV H2	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY RJF	DATE 1/6/92	TITLE FEMALE CRIMP TERMINAL 10-12 AWG & 8 AWG MINIFIT SR. SERIES					
			4 PLACES	± ---	± ---	CHECKED BY RJF	DATE 1/6/92						
			3 PLACES	± ---	± .010	APPROVED BY RAS		DATE 1/6/92	MOLEX MOLEX INCORPORATED				
			2 PLACES	± 0.25	± .016								
			1 PLACE	± 0.40	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			ANGULAR ±1/2°			SEE CHART		SD-42815-*		2 OF 2			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						