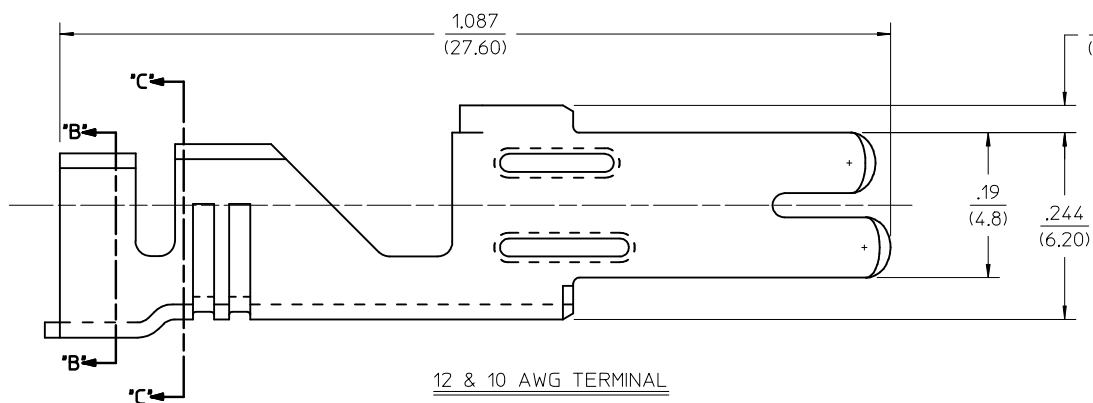
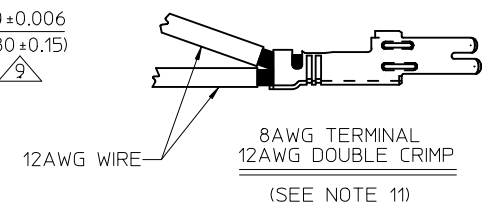
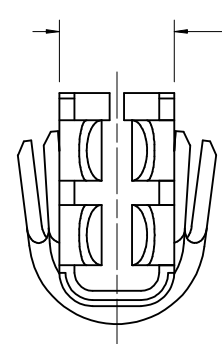


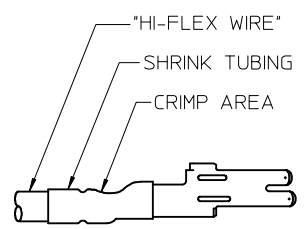
ISOMETRIC VIEW  
(SCALE 4:1)



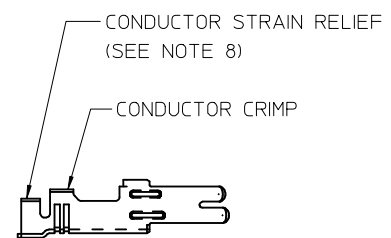
12 & 10 AWG TERMINAL



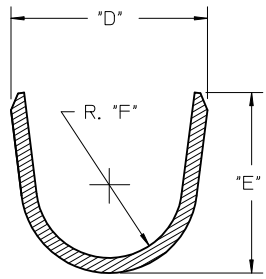
(SEE NOTE 11)



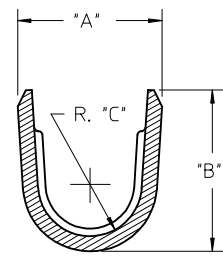
8 AWG TERMINAL  
(SEE NOTE 10)



8 AWG TERMINAL  
(SEE NOTE 8)



SECTION B-B




SECTION C-C  
(BACKGROUND OMITTED)

<b>NEW SILVER PLATED PARTS ADDED</b> EC NO: UCP2015-2752 DRW: BR02 2015/01/21 CHKD: APPR: KPRASAD 2015/02/09 H3	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>IN/MM</b>		SCALE <b>8:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	DRAWN BY RJF	DATE 1/6/92		TITLE <b>FEMALE CRIMP TERMINAL, 12, 10 &amp; 8AWG MINIFIT SR.</b>				
		3 PLACES ± --- ± .010	CHECKED BY RJF	DATE 1/6/92						
		2 PLACES ± 0.25 ± .016	APPROVED BY RAS	DATE 1/6/92						
1 PLACE ± 0.40 ± ---	MATERIAL NO. <b>SEE CHART</b>		DOCUMENT NO. <b>SD-42815-*</b>		SHEET NO. <b>1 OF 2</b>					
0 PLACE ± --- ± ---	ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

ITEM NUMBER	WIRE RANGE	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	DIM. F	MAX. INSULATION DIAMETER	PLATING	STATUS
42815-0011	12 & 10 AWG	$\frac{.213 \pm .024}{(5.40 \pm .60)}$	$\frac{.240 \pm .016}{(6.10 \pm .40)}$	R. $\frac{.067}{(1.70)}$	$\frac{.232 \pm .024}{(5.90 \pm .60)}$	$\frac{.260 \pm .016}{(6.60 \pm .40)}$	R. $\frac{.087}{(2.20)}$	$\frac{.209}{(5.30)}$ DIA.	OVERALL TIN	PLANNED FOR OBSOLESCENCE
42815-0031	8 AWG	$\frac{.229 \pm .024}{(5.83 \pm .60)}$	$\frac{.292 \pm .016}{(7.42 \pm .40)}$	R. $\frac{.067}{(1.70)}$	$\frac{.236 \pm .024}{(6.00 \pm .60)}$	$\frac{.216 \pm .016}{(5.50 \pm .40)}$	R. $\frac{.087}{(2.20)}$	$\frac{.260}{(6.60)}$ DIA.		
42815-0012	12 & 10 AWG	$\frac{.213 \pm .024}{(5.40 \pm .60)}$	$\frac{.240 \pm .016}{(6.10 \pm .40)}$	R. $\frac{.067}{(1.70)}$	$\frac{.232 \pm .024}{(5.90 \pm .60)}$	$\frac{.260 \pm .016}{(6.60 \pm .40)}$	R. $\frac{.087}{(2.20)}$	$\frac{.209}{(5.30)}$ DIA.	SELECT GOLD	ACTIVE
42815-0032	8 AWG	$\frac{.229 \pm .024}{(5.83 \pm .60)}$	$\frac{.292 \pm .016}{(7.42 \pm .40)}$	R. $\frac{.067}{(1.70)}$	$\frac{.236 \pm .024}{(6.00 \pm .60)}$	$\frac{.216 \pm .016}{(5.50 \pm .40)}$	R. $\frac{.087}{(2.20)}$	$\frac{.260}{(6.60)}$ DIA.		
42815-0114	12 & 10 AWG	$\frac{.213 \pm .024}{(5.40 \pm .60)}$	$\frac{.240 \pm .016}{(6.10 \pm .40)}$	R. $\frac{.067}{(1.70)}$	$\frac{.232 \pm .024}{(5.90 \pm .60)}$	$\frac{.260 \pm .016}{(6.60 \pm .40)}$	R. $\frac{.087}{(2.20)}$	$\frac{.209}{(5.30)}$ DIA.	SELECT SILVER	ACTIVE
42815-0134	8 AWG	$\frac{.229 \pm .024}{(5.83 \pm .60)}$	$\frac{.292 \pm .016}{(7.42 \pm .40)}$	R. $\frac{.067}{(1.70)}$	$\frac{.236 \pm .024}{(6.00 \pm .60)}$	$\frac{.216 \pm .016}{(5.50 \pm .40)}$	R. $\frac{.087}{(2.20)}$	$\frac{.260}{(6.60)}$ DIA.		

NOTES:

- MATERIAL: COPPER ALLOY 151, .020/(.50) THICK.
- PLATING:
  - .000100/(.00254) MIN. \*TIN OVER  
.000050/(.00127) MIN. NICKEL.
  - .000030/(.00076) MIN. SELECT GOLD IN CONTACT AREA.  
.000100/(.00254) MIN. SELECT \*TIN ON SOLDER TAILS  
OVER .000050/(.00127) MIN. NICKEL.
  - .000100/(.00254) MIN. SELECT SILVER IN CONTACT AREA  
.000100/(.00254) MIN. SELECT TIN ON SOLDER TAILS  
OVER .000050/(.00127) MIN. NICKEL.
- PRODUCT SPEC.: PS-42815-001
- PACKAGING INFORMATION: PK-42815-001.
- PART IS DESIGNED IN METRIC.
- TERMINALS FOR USE WITH STRANDED WIRE ONLY.
- ITEM NUMBERS PRECEDED BY AN "X" IN THE CHART ARE NOT AVAILABLE.
- 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.
-  AFTER CRIMPING, THIS DIMENSION IS .140/(3.55) MINIMUM.
- 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.
- THE 8AWG TERMINAL WILL ALSO ACCOMODATE 2 12AWG WIRES  
SEE CRIMP SPEC FOR DETAILS.
- CRIMP SPECS.:
  - 638210000 FOR 10AWG & 12AWG
  - 638300000 FOR 8AWG, 8AWG HI-FLEX & DOUBLE 12AWG
- PARTS CONFORM TO CLASS 'B' REQUIREMENT OF COSMETIC SPEC PS-45499-002.
- FOR PLATING OPTION 2 SEE NOTE 2 (OVERALL TIN PLATED PARTS), FOR APPLICATIONS INVOLVING VIBRATION AND/OR THERMAL CYCLING, MOLEX STRONGLY RECOMMENDS TO USE NYE LUBRICANT, NYOGEL 760G LUBRICANT ON THE MATING AREA, AFTER THE TERMINALS ARE INSERTED INTO THE HOUSING, REFER AS-42815-001 FOR ADDITIONAL INFORMATION.

SEE SHEET 1 EC NO: UCP2015-2752 DRWN:BR02 2015/01/21 CHKD: APPR:KPRASAD 2015/02/09	QUALITY SYMBOLS ▽=0 ▽=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, 12, 10 & 8AWG MINIFIT SR.				
H3	DESCRIPTION REV	4 PLACES	± ---	± ---	CHECKED BY RJF	DATE 1/6/92	DOCUMENT NO. SD-42815-* SHEET NO. 2 OF 2			
		3 PLACES	± ---	± .010	APPROVED BY RAS	DATE 1/6/92				
		2 PLACES	± 0.25	± .016	MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		1 PLACE	± 0.40	± ---	SIZE C					
		ANGULAR ±1/2°		SEE CHART						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								