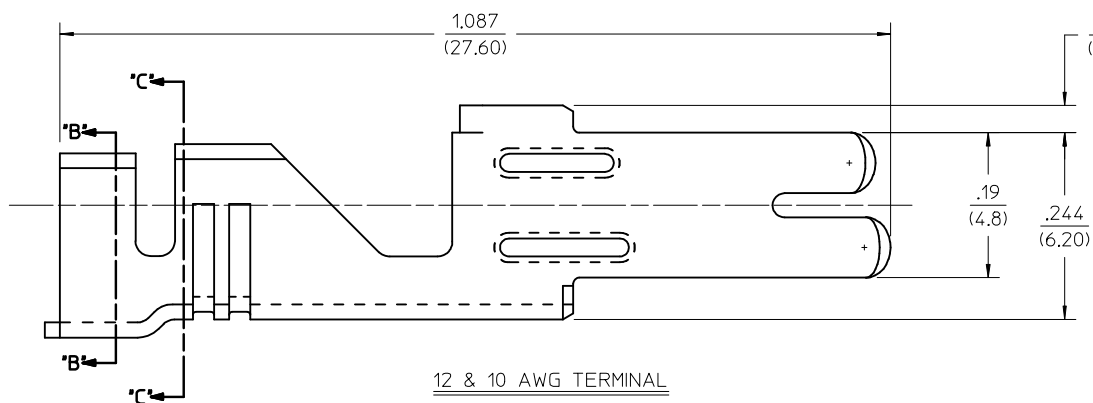
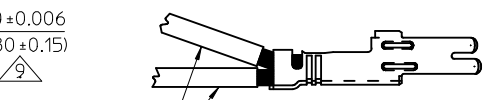


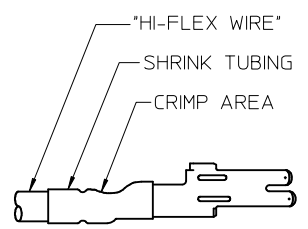
ISOMETRIC VIEW
(SCALE 4:1)



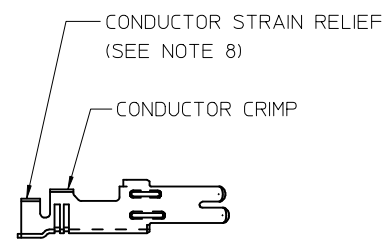
12 & 10 AWG TERMINAL



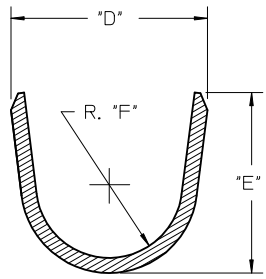
12AWG WIRE
8AWG TERMINAL
12AWG DOUBLE CRIMP
(SEE NOTE 11)



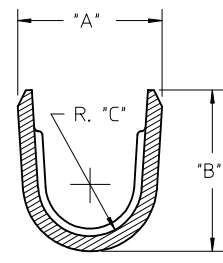
8 AWG TERMINAL
(SEE NOTE 10)



8 AWG TERMINAL
(SEE NOTE 8)



SECTION B-B



SECTION C-C
(BACKGROUND OMITTED)

TRANSFER TO INDIA EC NO: UCP2018-0347 DRWN:J.SCHAFFER 2017/08/28 CHKD: APPR:FSMITH 2017/09/21	DESCRIPTION REV	QUALITY SYMBOLS
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
GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± .010	± .004
3 PLACES ± .010	± .010
2 PLACES ± 0.25	± .016
1 PLACE ± 0.40	± .016
0 PLACE ± .010	± .010
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	





DIMENSION STYLE IN/MM	
DRAWN BY RJF	DATE 1/6/92
CHECKED BY RJF	DATE 1/6/92
APPROVED BY RAS	DATE 1/6/92
MATERIAL NO. SEE CHART	

SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE FEMALE CRIMP TERMINAL, 12, 10 & 8AWG MINIFIT SR.		
DOCUMENT NO. SD-42815-*		SHEET NO. 1 OF 2
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	STATUS		
42815-0011	12 & 10 AWG (5 & 6mm ²)	$\frac{.213 \pm .024}{(5.40 \pm .60)}$	$\frac{.240 \pm .016}{(6.10 \pm .40)}$	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 (5 & 6mm ²)	$\frac{.213 \pm .024}{(5.40 \pm .60)}$	$\frac{.240 \pm .016}{(6.10 \pm .40)}$	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 (5 & 6mm ²)	$\frac{.213 \pm .024}{(5.40 \pm .60)}$	$\frac{.240 \pm .016}{(6.10 \pm .40)}$	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.
- 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: UCP2018-0347 DRWN: SCHAEFER 2017/08/28 CHKD: APPR: FSMITH 2017/09/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	 = 0	mm INCH	IN/MM	8:1	METRIC		
	 = 0	4 PLACES ± --- ± ---	DRAWN BY DATE	RJF 1/6/92	TITLE		
	 = 0	3 PLACES ± --- ± .010	CHECKED BY DATE	RJF 1/6/92	FEMALE CRIMP TERMINAL, 12, 10 & 8AWG MINIFIT SR.		
		2 PLACES ± 0.25 ± .016	APPROVED BY DATE	RAS 1/6/92	molex		
	1 PLACE ± 0.40 ± ---	MATERIAL NO.	SEE CHART	DOCUMENT NO.	SD-42815-*		
	0 PLACE ± --- ± ---	ANGULAR ± 1/2°			SHEET NO. 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			