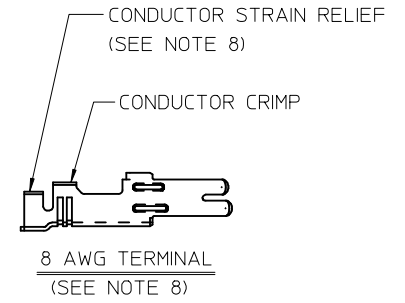
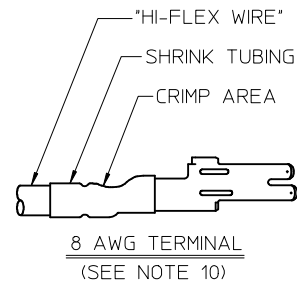
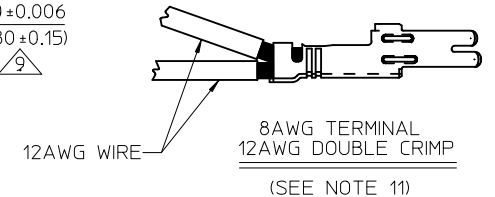
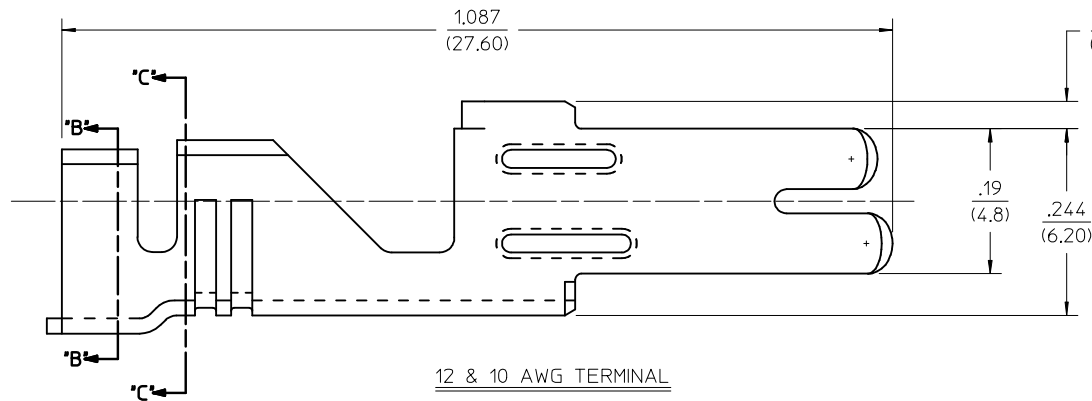
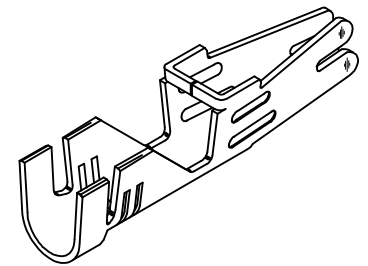
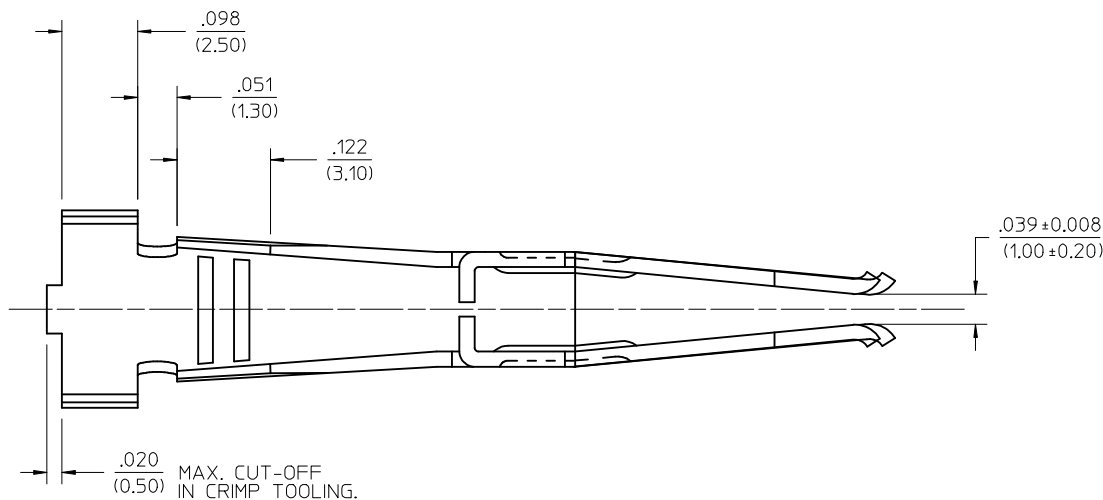


METRIC WIRE EC NO: UCP2015-5009 2015/05/28 DRWN: JMON11 CHKD: ANDERSON 2015/05/28 APPR: FSM1TH 2015/06/04	DESCRIPTION REV H4	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					mm	INCH	DRAWN BY RJF		DATE 1/6/92	TITLE FEMALE CRIMP TERMINAL, 12, 10 & 8AWG MINIFIT SR. molex			
			4 PLACES		± ---	± ---	CHECKED BY RJF		DATE 1/6/92				
			3 PLACES		± ---	± .010	APPROVED BY RAS		DATE 1/6/92				
			2 PLACES		± 0.25	± .016	MATERIAL NO.		DOCUMENT NO.				SHEET NO.
			1 PLACE		± 0.40	± ---	SEE CHART		SD-42815-*				1 OF 2
			0 PLACE		± ---	± ---	SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			ANGULAR ±1/2°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

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 & 6mm²)	<u>.213±.024</u> (5.40±.60)	<u>.240±.016</u> (6.10±.40)	R. <u>.067</u> (1.70)	<u>.232±.024</u> (5.90±.60)	<u>.260±.016</u> (6.60±.40)	R. <u>.087</u> (2.20)	<u>.209</u> (5.30) DIA.	OVERALL TIN	PLANNED FOR OBSOLESCENCE		
42815-0031	8 AWG	<u>.229±.024</u> (5.83±.60)	<u>.292±.016</u> (7.42±.40)	R. <u>.067</u> (1.70)	<u>.236±.024</u> (6.00±.60)	<u>.216±.016</u> (5.50±.40)	R. <u>.087</u> (2.20)	<u>.260</u> (6.60) DIA.				
42815-0012	12 & 10 AWG (5 & 6mm²)	<u>.213±.024</u> (5.40±.60)	<u>.240±.016</u> (6.10±.40)	R. <u>.067</u> (1.70)	<u>.232±.024</u> (5.90±.60)	<u>.260±.016</u> (6.60±.40)	R. <u>.087</u> (2.20)	<u>.209</u> (5.30) DIA.	SELECT GOLD	ACTIVE		
42815-0032	8 AWG	<u>.229±.024</u> (5.83±.60)	<u>.292±.016</u> (7.42±.40)	R. <u>.067</u> (1.70)	<u>.236±.024</u> (6.00±.60)	<u>.216±.016</u> (5.50±.40)	R. <u>.087</u> (2.20)	<u>.260</u> (6.60) DIA.				
42815-0114	12 & 10 AWG (5 & 6mm²)	<u>.213±.024</u> (5.40±.60)	<u>.240±.016</u> (6.10±.40)	R. <u>.067</u> (1.70)	<u>.232±.024</u> (5.90±.60)	<u>.260±.016</u> (6.60±.40)	R. <u>.087</u> (2.20)	<u>.209</u> (5.30) DIA.	SELECT SILVER	ACTIVE		
42815-0134	8 AWG	<u>.229±.024</u> (5.83±.60)	<u>.292±.016</u> (7.42±.40)	R. <u>.067</u> (1.70)	<u>.236±.024</u> (6.00±.60)	<u>.216±.016</u> (5.50±.40)	R. <u>.087</u> (2.20)	<u>.260</u> (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.
4 = .000100/(.00254) MIN. SELECT SILVER 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) PARTS CONFORM TO CLASS 'B' REQUIREMENT OF COSMETIC SPEC
PS-45499-002.
13) 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: UCP2015-5009 2015/05/28 DRWN: JMON11 CHKD: RANDERSON 2015/05/28 APPR: FSH TH 2015/06/04	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		 F=0  E=0  A=0		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			
			2 PLACES	± 0.25	± .016	RJF	1/6/92	molex		
			1 PLACE	± 0.40	± ---	APPROVED BY	DATE			
		0 PLACE	± ---	± ---	RAS	1/6/92	MATERIAL NO.		DOCUMENT NO.	SHEET NO.
		ANGULAR ±1/2°		SEE CHART		SD-42815-*		2 OF 2		
		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						