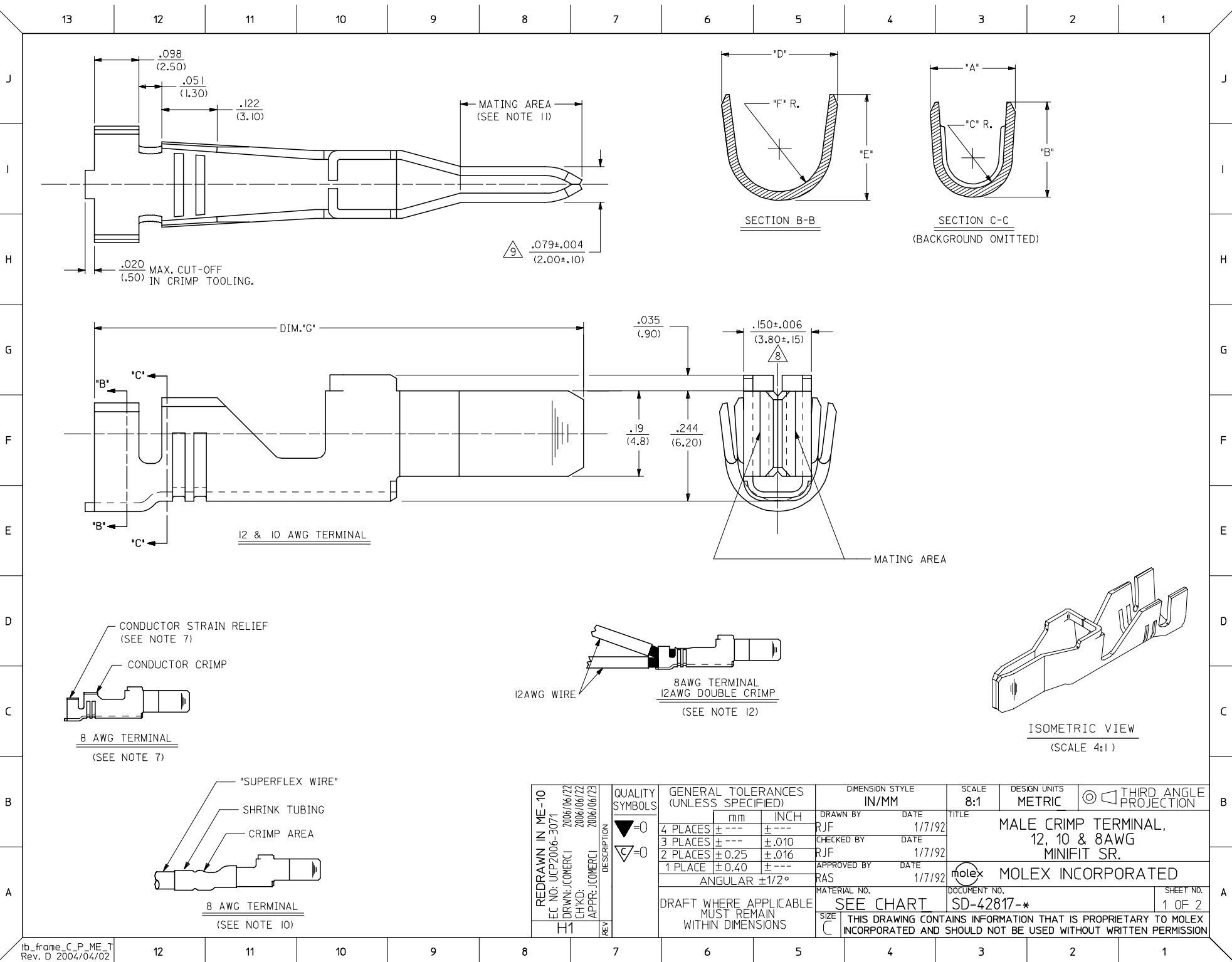




REDRAWN IN ME-10 EC NO: UCP2006-3071 DRAWN: JCOMERC CHKD: JCOMERC APPR: JCOMERC H1	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY RJF	DATE 1/7/92	TITLE MALE CRIMP TERMINAL, 12, 10 & 8AWG MINIFIT SR.				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± .010	RJF	1/7/92	MOLEX INCORPORATED				
			2 PLACES	± 0.25	± .016							
			1 PLACE	± 0.40	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-42817-*				
			ANGULAR ±1/2°			RAS	1/7/92					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		SHEET NO.				
						SEE CHART		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	DIM. G	MAX. INSULATION DIAMETER	PLATING																																																																																					
J	42817-0011	12 & 10 AWG	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	.067 R. (1.70)	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	.087 R. (2.20)	1.087 (27.60)	.209 DIA. (5.30)	OVERALL TIN																																																																																					
	42817-0031	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	.067 R. (1.70)	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	.087 R. (2.20)	1.087 (27.60)	.260 DIA. (6.60)																																																																																						
I	42817-0111	12 & 10 AWG	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	.067 R. (1.70)	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	.087 R. (2.20)	1.165 (29.60)	.209 DIA. (5.30)																																																																																						
	42817-0131	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	.067 R. (1.70)	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	.087 R. (2.20)	1.165 (29.60)	.260 DIA. (6.60)																																																																																						
H	42817-0012	12 & 10 AWG	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	.067 R. (1.70)	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	.087 R. (2.20)	1.087 (27.60)	.209 DIA. (5.30)	SELECT GOLD																																																																																					
	42817-0032	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	.067 R. (1.70)	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	.087 R. (2.20)	1.087 (27.60)	.260 DIA. (6.60)																																																																																						
	42817-0112	12 & 10 AWG	.213±.024 (5.40±.60)	.240±.016 (6.10±.40)	.067 R. (1.70)	.232±.024 (5.90±.60)	.260±.016 (6.60±.40)	.087 R. (2.20)	1.165 (29.60)	.209 DIA. (5.30)																																																																																						
	42817-0132	8 AWG	.229±.024 (5.83±.60)	.292±.016 (7.42±.40)	.067 R. (1.70)	.236±.024 (6.00±.60)	.216±.016 (5.50±.40)	.087 R. (2.20)	1.165 (29.60)	.260 DIA. (6.60)																																																																																						
G	<u>NOTES:</u> 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. * THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD. 3) PRODUCT SPEC.: PS-42815-001 4) PART IS DESIGNED IN METRIC. 5) TERMINALS FOR USE WITH STRANDED WIRE ONLY. 6) ITEM NUMBERS PRECEDED BY AN "X" IN THE CHART ARE NOT AVAILABLE. 7) 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. 8) AFTER CRIMPING, THIS DIMENSION IS .140/(3.55) MINIMUM. 9) AFTER CRIMPING, THIS DIMENSION IS .089/(2.25) MAXIMUM. 10) WHEN USING THE 8 AWG TERMINAL WITH "HI-FLEX" 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) WHEN USING OVERALL TIN PLATED TERMINALS. FOR APPLICATIONS INVOLVING VIBRATION AND/OR THERMAL CYCLING, MOLEX STRONGLY RECOMMENDS THE USE OF NYE LUBRICANT, NYOGEL 760G, ON THE MATING AREA OF THE TERMINAL. LUBRICANT SHOULD BE APPLIED AFTER THE TERMINALS ARE INSERTED INTO THE HOUSING. 12) THE 8AWG TERMINAL WILL ALSO ACCOMMODATE 2 12AWG WIRES SEE CRIMP SPEC FOR DETAILS. 13) CRIMP SPECS.: 638210000 FOR 10AWG & 12AWG 638300000 FOR 8AWG, 8AWG HI-FLEX & DOUBLE 12AWG													G																																																																																		
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<table><tr><td rowspan="10">SEE SHEET 1 EC NO: UICP2006-3071 DRAWN: JCOMERC 2006/06/22 CHKD: 2006/06/22 APPR: JCOMERC 2006/06/23</td><td rowspan="10">QUALITY SYMBOLS ▽=0 ▽=0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE IN/MM</td><td>SCALE ---</td><td>DESIGN UNITS METRIC</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td>mm</td><td>INCH</td><td>DRAWN BY</td><td>DATE</td><td colspan="4" rowspan="2">MALE CRIMP TERMINAL 10-12 AWG AND 8 AWG MINIFIT SR. SERIES</td></tr><tr><td>4 PLACES ± ---</td><td>± ---</td><td>GEP</td><td>1/10/95</td></tr><tr><td>3 PLACES ± ---</td><td>± .010</td><td>CHECKED BY</td><td>DATE</td><td colspan="4" rowspan="2">MOLEX INCORPORATED</td></tr><tr><td colspan="2"></td><td>2 PLACES ± 0.25</td><td>± .016</td><td>RJF</td><td>1/10/95</td></tr><tr><td colspan="2"></td><td>1 PLACE ± 0.40</td><td>± ---</td><td>APPROVED BY</td><td>DATE</td><td colspan="4" rowspan="2">SD-42817-*</td></tr><tr><td colspan="2"></td><td colspan="2">ANGULAR ±1/2°</td><td>RAS</td><td>1/10/95</td></tr><tr><td colspan="2"></td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">SEE CHART</td><td colspan="2">MATERIAL NO.</td><td colspan="2">DOCUMENT NO.</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">SHEET NO.</td><td colspan="2" rowspan="2">2 OF 2</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="4">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>														SEE SHEET 1 EC NO: UICP2006-3071 DRAWN: JCOMERC 2006/06/22 CHKD: 2006/06/22 APPR: JCOMERC 2006/06/23	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		mm	INCH	DRAWN BY	DATE	MALE CRIMP TERMINAL 10-12 AWG AND 8 AWG MINIFIT SR. SERIES				4 PLACES ± ---	± ---	GEP	1/10/95	3 PLACES ± ---	± .010	CHECKED BY	DATE	MOLEX INCORPORATED						2 PLACES ± 0.25	± .016	RJF	1/10/95			1 PLACE ± 0.40	± ---	APPROVED BY	DATE	SD-42817-*						ANGULAR ±1/2°		RAS	1/10/95			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO.		DOCUMENT NO.								SHEET NO.		2 OF 2								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
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