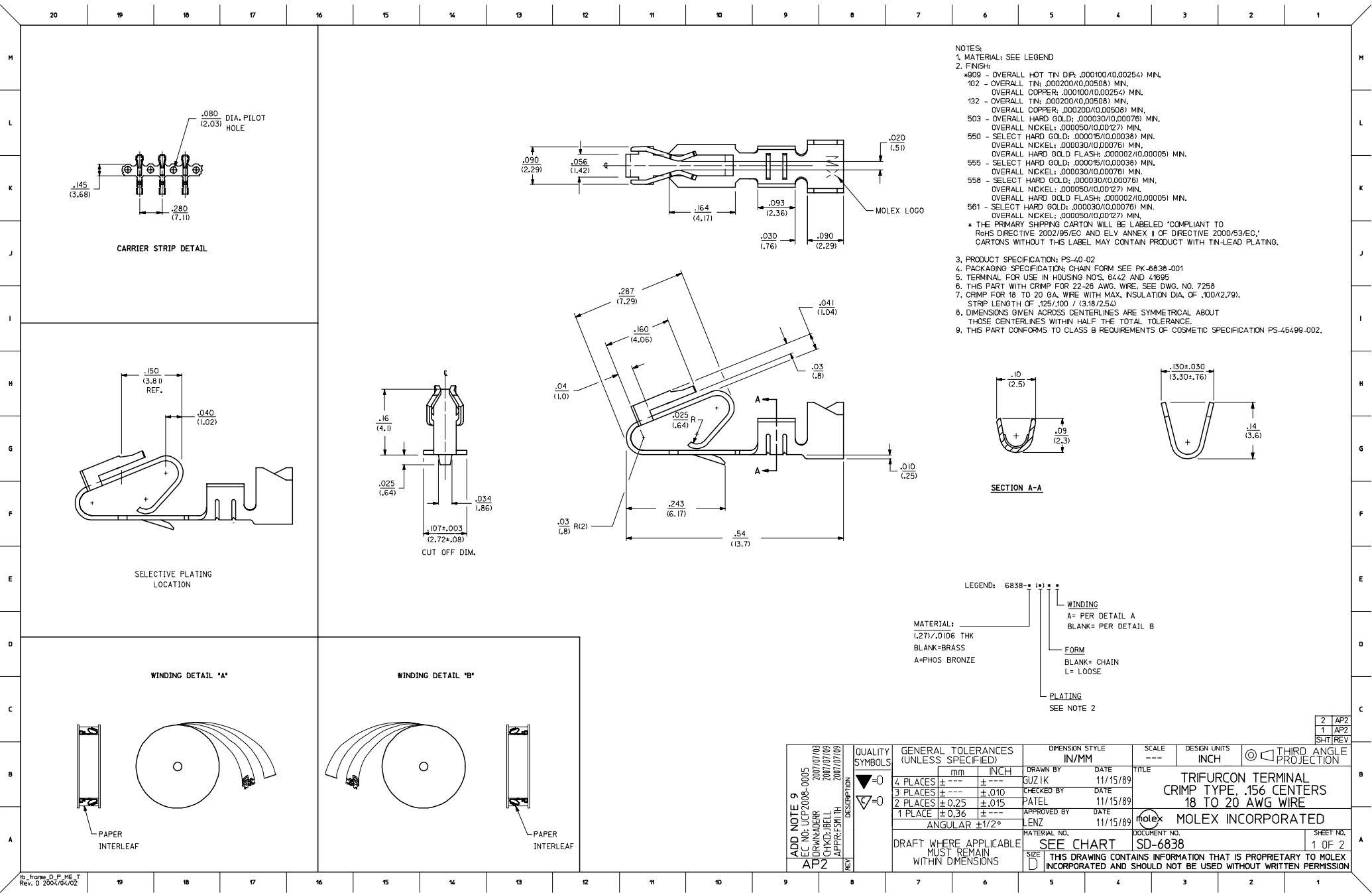




- NOTES:
1. MATERIAL: SEE LEGEND
 2. FINISH:
 - *909 - OVERALL HOT TIN DIA: .000100/(0.00254) MIN.
 - 102 - OVERALL TIN: .000200/(0.00508) MIN.
 - OVERALL COPPER: .000100/(0.00254) MIN.
 - 132 - OVERALL TIN: .000200/(0.00508) MIN.
 - OVERALL COPPER: .000200/(0.00508) MIN.
 - 503 - OVERALL HARD GOLD: .000030/(0.00076) MIN.
 - OVERALL NICKEL: .000050/(0.00127) MIN.
 - 550 - SELECT HARD GOLD: .000015/(0.00038) MIN.
 - OVERALL NICKEL: .000030/(0.00076) MIN.
 - OVERALL HARD GOLD FLASH: .000002/(0.00005) MIN.
 - 555 - SELECT HARD GOLD: .000015/(0.00038) MIN.
 - OVERALL NICKEL: .000030/(0.00076) MIN.
 - 558 - SELECT HARD GOLD: .000030/(0.00076) MIN.
 - OVERALL NICKEL: .000050/(0.00127) MIN.
 - OVERALL HARD GOLD FLASH: .000002/(0.00005) MIN.
 - 561 - SELECT HARD GOLD: .000030/(0.00076) MIN.
 - OVERALL NICKEL: .000050/(0.00127) MIN.
 - * 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 PLATING.
 3. PRODUCT SPECIFICATION: PS-40-02
 4. PACKAGING SPECIFICATION: CHAIN FORM SEE PK-6838-001
 5. TERMINAL FOR USE IN HOUSING NOS. 6442 AND 41695
 6. THIS PART WITH CRIMP FOR 22-26 AWG. WIRE. SEE DWG. NO. 7258
 7. CRIMP FOR 18 TO 20 GA. WIRE WITH MAX. INSULATION DIA. OF .100/(2.79). STRIP LENGTH OF .125/100 / (3.18/2.54)
 8. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
 9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

LEGEND: 6838-1 (27)X.0106 THK BLANK=BRASS A=PHOS BRONZE

WINDING
A= PER DETAIL A
BLANK= PER DETAIL B

FORM
BLANK= CHAIN
L= LOOSE

PLATING
SEE NOTE 2

ADD NOTE 9 EC NO: UCP2008-0005 DRAWN BY: 2007/07/03 CHKD: BELL 2007/07/09 APPROV: SMITH 2007/07/09 AP2	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
		 		mm	INCH	DRAWN BY	DATE	TITLE		
			4 PLACES	± .005	± .005	GUZIK	11/15/89	TRIFURCON TERMINAL		
			2 PLACES	± .010	± .010	CHECKED BY	DATE	CRIMP TYPE, .156 CENTERS		
			2 PLACES	± 0.25	± .015	PATEL	11/15/89	18 TO 20 AWG WIRE		
			1 PLACE	± 0.36	± .015	APPROVED BY	DATE	MOLEX INCORPORATED		
			ANGULAR ± 1/2°		LENZ	11/15/89	MOLEX INCORPORATED			
			MATERIAL NO.	DOCUMENT NO.		SHEET NO.				
			SEE CHART		SD-6838		1 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						
	SIZE D									

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																
	6838-(*)*-*			6838-A(*)*-*																																
M	PART NO.	ENG. NO.		PART NO.	ENG. NO.		PART NO.	ENG. NO.		PART NO.	ENG. NO.		PART NO.	ENG. NO.		PART NO.	ENG. NO.		PART NO.	ENG. NO.	M															
	08-50-0187	6838-(P909)																																		
	08-50-0189	6838-(P909)L		08-58-0187	6838-A(P558)																															
	08-50-0275	6838-(P909)-A		08-58-0189	6838-A(P558)L																															
	08-50-0026	6838-(P102)		08-60-0001	6838-A(132)																															
L		6838-(P102)L		08-60-0002	6838-A(132)L																L															
	08-50-0028	6838-(102)		08-58-0102	6838-A(558)																															
	08-50-0029	6838-(102)L			6838-A(558)L																															
				08-58-0108	6838-A(503)																															
				08-58-0109	6838-A(503)L																															
				08-52-0112	6838-A(P909)																															
				08-52-0113	6838-A(P909)L																															
K				08-50-0024	6838-A(102)																K															
				08-50-0251	6838-A(102)L																															
				08-58-0105	6838-A(P555)																															
				08-58-0106	6838-A(P555)L																															
				08-58-0110	6838-A(P561)																															
				08-58-0111	6838-A(P561)L																															
J																					J															
				08-58-0118	6838-A(561)																															
				08-58-0119	6838-A(561)L																															
				08-58-0131	6838-A(550)																															
I				08-58-0132	6838-A(550)L																I															
H																					H															
G																					G															
F																					F															
E																					E															
D																					D															
C																					C															
B	UPDATE TITLE BLOCK EC NO: UCP-2008-0005 DRAWN BY: JORMANADERR CHECKED BY: CHUCK BELL APPROVED BY: SMITH REV: 2 2007/07/03 2007/07/09 2007/07/09 2007/07/09 QUALITY SYMBOLS ▽=0 ▽=0 DESCRIPTION GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± .0005</td><td>± .0002</td></tr><tr><td>3 PLACES</td><td>± .0010</td><td>± .0004</td></tr><tr><td>2 PLACES</td><td>± .0020</td><td>± .0008</td></tr><tr><td>1 PLACE</td><td>± .0050</td><td>± .0020</td></tr></table> ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM DRAWN BY: GUZIK CHECKED BY: PATEL APPROVED BY: LENZ MATERIAL NO. SIZE D DATE: 11/15/89 DATE: 11/15/89 DATE: 11/15/89 DATE: 11/15/89 SCALE: --- DESIGN UNITS: INCH THIRD ANGLE PROJECTION TITLE: TRIFURCON TERMINAL CRIMP TYPE, .156 CENTERS 18 TO 20 AWG WIRE MOLEX INCORPORATED DOCUMENT NO.: SD-6838 SHEET NO.: 2 OF 2																						mm	INCH	4 PLACES	± .0005	± .0002	3 PLACES	± .0010	± .0004	2 PLACES	± .0020	± .0008	1 PLACE	± .0050	± .0020
	mm	INCH																																		
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1 PLACE	± .0050	± .0020																																		
A	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																	

UPDATE TITLE BLOCK

REC NO: UCP2008-0005
2007/07/03
DRAWN BY: GUZIK
CHKD: BELL
APPROV: SMITH
2007/07/09
2007/07/09

QUALITY SYMBOLS

▽=0
▽=0

DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±----
1 PLACE	±----	±----

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY	DATE
GUZIK	11/15/89
CHECKED BY	DATE
PATEL	11/15/89
APPROVED BY	DATE
LENZ	11/15/89

MATERIAL NO.

DOCUMENT NO.

SD-6838

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SCALE

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

TITLE
TRIFURCON TERMINAL
CRIMP TYPE, .156 CENTERS
18 TO 20 AWG WIRE

MOLEX
MOLEX INCORPORATED

SHEET NO.
2 OF 2