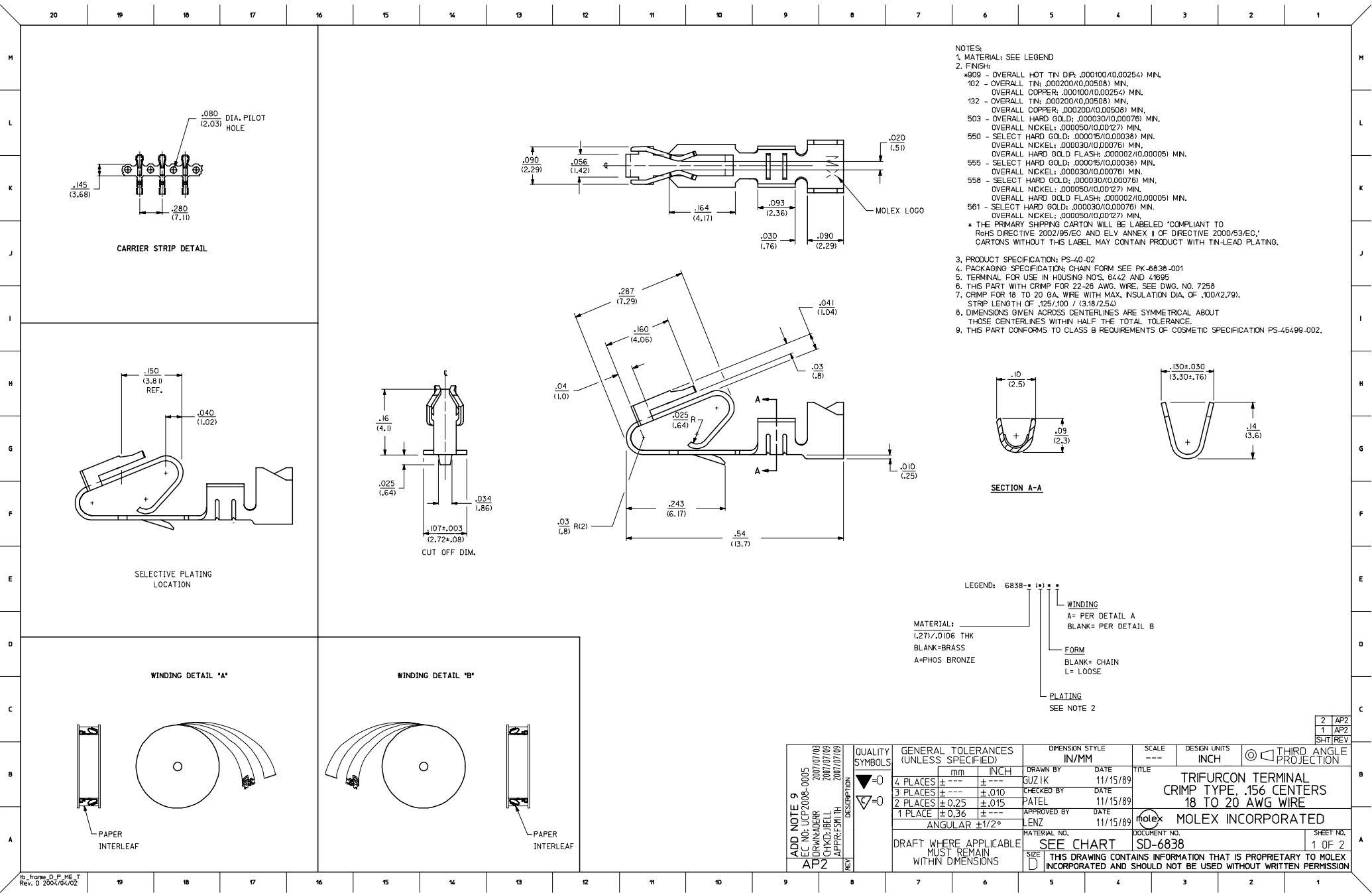




NOTES:

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

MATERIAL:
(.27)/.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	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---		DESIGN UNITS INCH		 THIRD ANGLE PROJECTION	TITLE TRIFURCON TERMINAL CRIMP TYPE, .156 CENTERS 18 TO 20 AWG WIRE MOLEX MOLEX INCORPORATED	SHEET NO. 1 OF 2				
		mm INCH		DRAWN BY	DATE	DATE		DATE								
		4 PLACES ±.005 ±.005		GUZIK	11/15/89	11/15/89		11/15/89								
		3 PLACES ±.010 ±.010		CHECKED BY	DATE	11/15/89		11/15/89								
		2 PLACES ±.025 ±.015		PATEL	11/15/89	11/15/89		11/15/89								
		1 PLACE ±.036 ±.015		APPROVED BY	DATE	11/15/89		11/15/89								
		ANGULAR ±1/2°		LENZ	11/15/89	11/15/89		11/15/89								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-6838										
		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
		NEW														

	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: JORNADEERR CHECKED BY: CHKCD: BELL APPROVED BY: SM TH REV: 2	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 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	SCALE --- INCH 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	
A	Id, Frame, D, P, ME, T Rev. E 2006/04/15	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1								

1b_Frame 0_P_ME_T
Rev. E 2006/04/15

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.

SEE CHART

SIZE D

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE

DESIGN UNITS
INCH

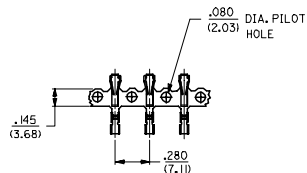
THIRD ANGLE PROJECTION

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

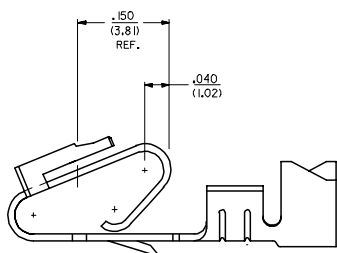
MOLEX
MOLEX INCORPORATED

DOCUMENT NO.
SD-6838

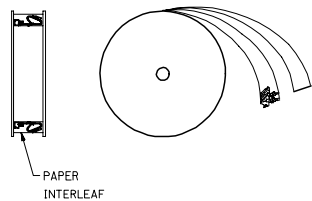
SHEET NO.
2 OF 2



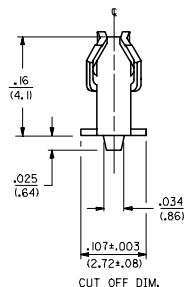
CARRIER STRIP DETAIL



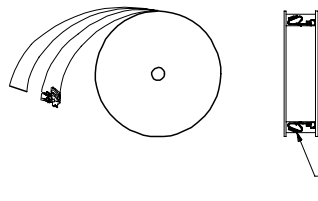
SELECTIVE PLATING LOCATION



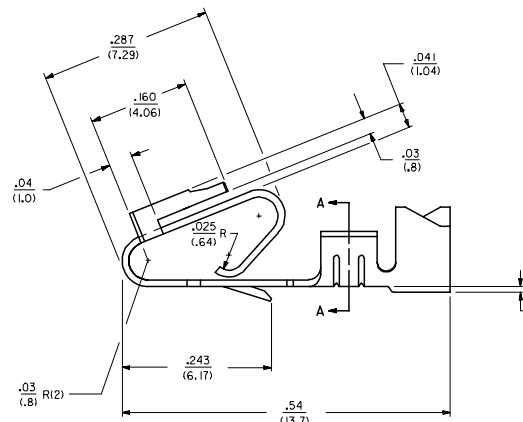
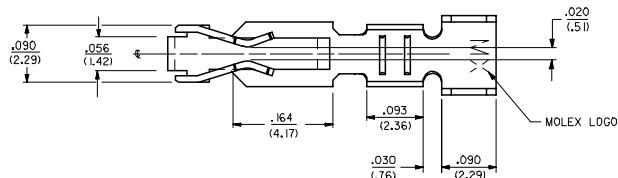
WINDING DETAIL 'A'



CUT OFF DIM.



WINDING DETAIL 'B'

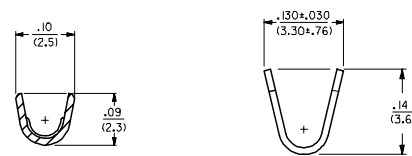


LEGEND: 6838 (P909) • •
 MATERIAL: (.27)/.0106 THK
 BLANK=BRASS
 WINDING
 BLANK= PER DETAIL B
 FORM
 BLANK= CHAIN
 PLATING PER SDES-88
 (909) • OVERALL HOT TIN DIP: 2.54 MICROMETERS MIN.

•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.

NOTES:

2. CRIMP FOR 18 TO 20 GA. WIRE WITH MAX. INSULATION DIA. OF .110 (2.79), STRIP LENGTH OF .125 (3.18) / (3.18/2.54)
3. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
4. PARTS CONFORM TO PRODUCT SPEC. 40-02.
5. THIS PART WITH CRIMP FOR 22-26 AWG. WIRE SEE DWG. NO. 7258.
6. TERMINAL FOR USE IN HOUSING NO'S. 6442 AND 41695.



SECTION A-A

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	INCH	IN/MM				
4 PLACES ±	---	---					
3 PLACES ±	---	---					
2 PLACES ±	0.25	0.015					
1 PLACE ±	0.36	---					
	ANGULAR ±1/2°						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
SIZE D							

CHANGE TO ME10 EC NO: UCP2005-0959 DRAWN: JJS CHKD: SANEC APPR: MMARGULIS	2004/11/16 2004/11/16 2004/11/16	DATE 07/29/04 DATE 07/29/04 DATE 07/29/04	TITLE TRIFURCON TERMINAL CRIMP TYPE, .156 CENTERS 18 TO 20 AWG WIRE MOLEX INCORPORATED	DOCUMENT NO. SD-6838-001	SHEET NO. 1 OF 1
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