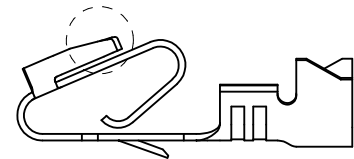
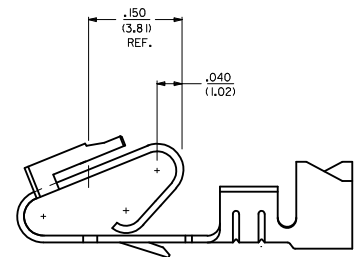


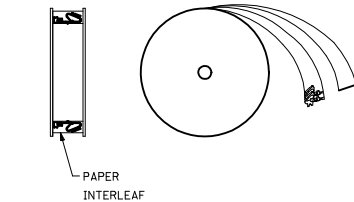
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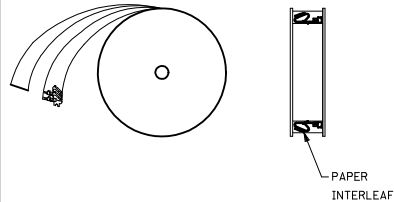
ALTERNATE GEOMETRY
SEE NOTE 10



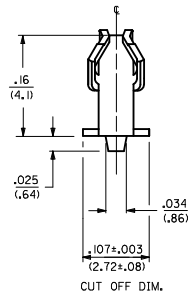
SELECTIVE PLATING
LOCATION



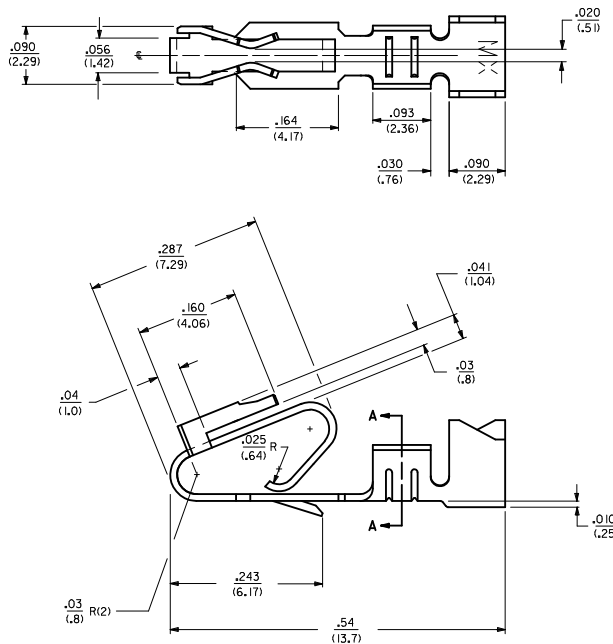
WINDING DETAIL 'A'



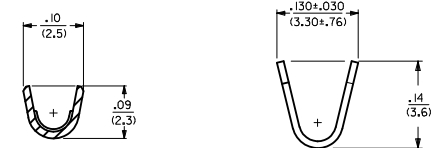
WINDING DETAIL 'B'



CUT OFF DIM.



- NOTES:
1. MATERIAL: SEE LEGEND
2. FINISH:
909 - OVERALL HOT TIN DIP: .000100/(0.00254) MIN.
154 - OVERALL TIN: .000100/(0.00254) MIN. OVER
.000050/(0.00127) MIN. NICKEL.
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.
3. PRODUCT SPECIFICATION: PS-40-02
4. PACKAGING SPECIFICATION: CHAIN FORM: SEE PK-6838-001
LOOSE FORM: SEE PK-2759-001
5. TERMINAL FOR USE IN HOUSING SERIES 6442 AND 41695.
6. SEE 7258 SERIES FOR THIS PART WITH CRIMP FOR 22-26 AWG. WIRE.
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.
10. ALTERNATE GEOMETRY PRESENT ON SOME PART NUMBERS. SEE SHEET 2.



SECTION A-A

- LEGEND: 6838- ()
- WINDING
A= PER DETAIL A
BLANK= PER DETAIL B
 - FORM
BLANK= CHAIN
L= LOOSE
 - PLATING
SEE NOTE 2
- MATERIAL:
(.271/.0106 THK
BLANK=BRASS
A=PHOS BRONZE

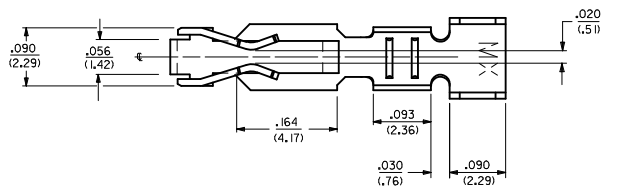
102 TO 154 PLTG. IEC NO. UCP2012-1821 DRAWN BY: CHYKMK/PER 2012/01/04 2012/01/05 2012/02/02 APPROVED BY: LTH	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---		DESIGN UNITS INCH		THIRD ANGLE PROJECTION	
		mm		INCH		DRAWN BY GUZIK		DATE 11/15/89		TITLE TRIFURCON TERMINAL CRIMP TYPE .156 CENTERS 18 TO 20 AWG WIRE	
		4 PLACES ± --- ± ---		3 PLACES ± --- ± .010		2 PLACES ± 0.25 ± .015		1 PLACE ± 0.36 ± ---		ANGULAR ±1/2°	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-6838		SHEET NO. 1 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
M	6838-(*)**					6838-A(*)**															M
	PART NO.	ENG. NO.				PART NO.	ENG. NO.														
	08-50-0187	6838-(P909)		SEE NOTE 1		08-58-0187	6838-A(P558)														
	08-50-0189	6838-(P909)L		SEE NOTE 1		08-58-0189	6838-A(P558)L														
	08-50-0275	6838-(P909)-A				08-52-0112	6838-A(P909)		SEE NOTE 1												
L						08-52-0113	6838-A(P909)L		SEE NOTE 1												L
						08-50-0024	6838-A(154)														
						08-50-0251	6838-A(154)L														
						08-58-0105	6838-A(P555)														
K						08-58-0106	6838-A(P555)L														K
						08-58-0110	6838-A(P56 I)		SEE NOTE 1												
						08-58-0111	6838-A(P56 I)L		SEE NOTE 1												
						08-58-0118	6838-A(56 I)														
						08-58-0119	6838-A(56 I)L														
J																					J
I																					I
H																					H
G																					G
F																					F
E																					E
D																					D
C																					C
B																					B
A																					A

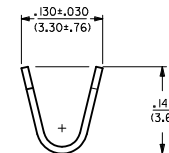
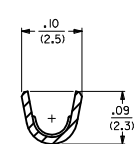
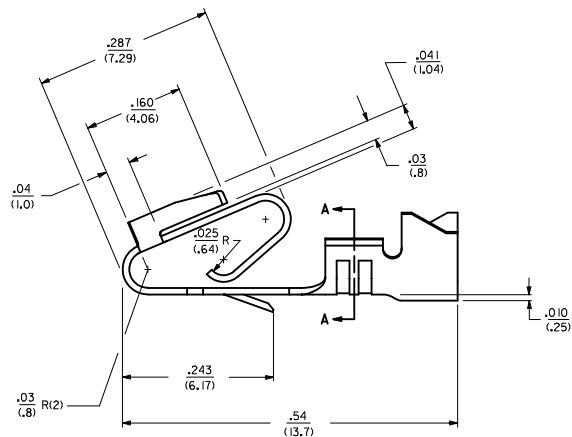
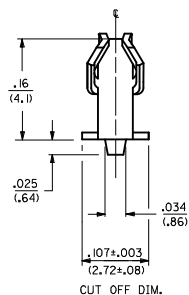
NOTES:

1. PART MANUFACTURED WITH ALTERNATE GEOMETRY. SEE SHEET 1.

SEE SHEET 1 EC NO. UCP2012-1821 DRAWN BY: CHYKMK/PPER CHKD BY: CHYKMK/PPER APPROVED BY: FSMT/TH AR	REV DESCRIPTION 2012/01/04 2012/01/05 2012/02/02	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY GUZIK	DATE 11/15/89		TITLE TRIFURCON TERMINAL CRIMP TYPE .156 CENTERS 18 TO 20 AWG WIRE	
			4 PLACES	±---	±---	CHECKED BY PATEL	DATE 11/15/89	MOLEX INCORPORATED			
			3 PLACES	±---	±---	APPROVED BY LENZ	DATE 11/15/89				
			2 PLACES	±---	±---						
			1 PLACE	±---	±---						
			ANGULAR ±1/2°		MATERIAL NO. SEE CHART			DOCUMENT NO. SD-6838		SHEET NO. 2 OF 2	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



- NOTES:
1. MATERIAL: SEE LEGEND
 2. FINISH: 909 - OVERALL HOT TIN DIP: .000100/10.00254) MIN.
 3. PRODUCT SPECIFICATION: PS-40-02
 4. PACKAGING SPECIFICATION: PK-6838-001
 5. PART IS FOR USE WITH 18 TO 20 GA. WIRE WITH MAX. INSULATION DIA. OF .110/12.79), STRIP LENGTH OF .125/100 / (3.18/2.54).
 6. SEE 7258 SERIES FOR THIS PART WITH CRIMP FOR 22-26 AWG. WIRE.
 7. TERMINAL FOR USE IN 6442 AND 41695 SERIES HOUSINGS.
 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.



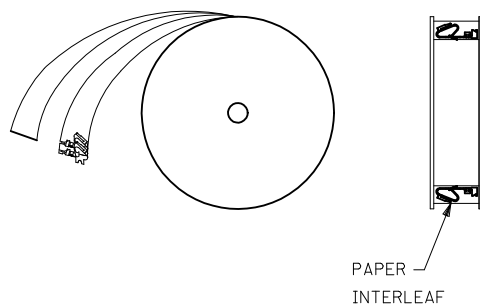
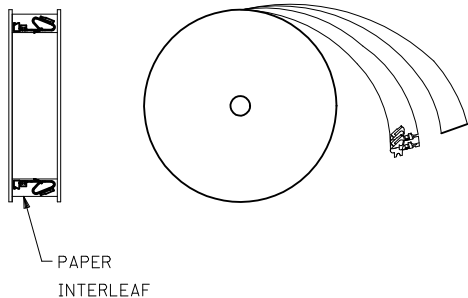
SECTION A-A

LEGEND: 6838- (P909) * *
WINDING
BLANK= PER DETAIL B
FORM
BLANK= CHAIN
PLATING PER SDES-88
SEE NOTE 2

MATERIAL:
(.27)/.0106 THK
BLANK=BRASS

WINDING DETAIL "A"

WINDING DETAIL "B"



UPDATE GEOMETRY EC NO: UCP2011-0681 DRAWN/KIPER 2010/09/14 CHKD/SSOUSEK 2011/02/23 APPR/FSM TH 2011/02/25	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		mm INCH		DRAWN BY JJS	DATE 07/29/04	TITLE TRIFURCON TERMINAL CRIMP TYPE .156 CENTERS 18 TO 20 AWG WIRE			
		4 PLACES ± --- ± ---		CHECKED BY KSS	DATE 07/29/04	MOLEX INCORPORATED			
		3 PLACES ± --- ± .010		APPROVED BY YM	DATE 07/29/04	SD-6838-001			
		2 PLACES ± 0.25 ± .015		MATERIAL NO. 50291639 DOCUMENT NO. SD-6838-001 SHEET NO. 1 OF 1					
		1 PLACE ± 0.36 ± ---		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°							

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