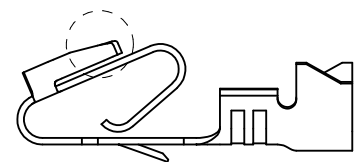
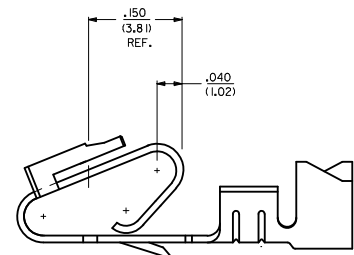


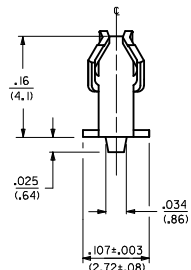
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



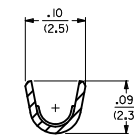
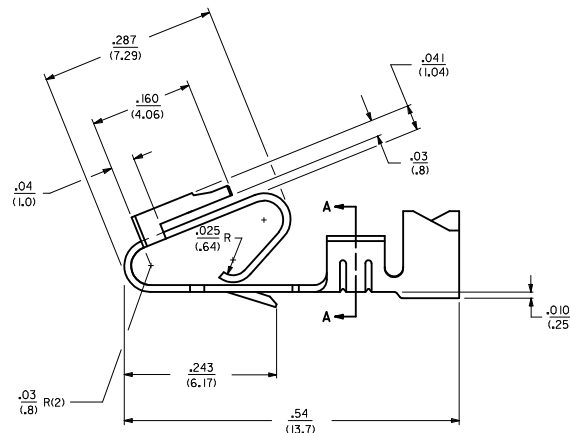
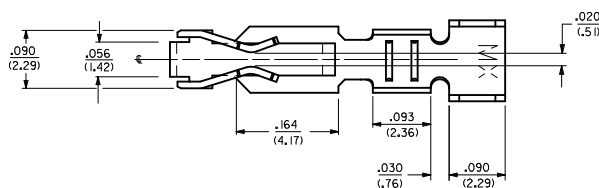
ALTERNATE GEOMETRY
SEE NOTE 10



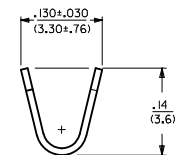
SELECTIVE PLATING
LOCATION



CUT OFF DIM.



SECTION A-A



NOTES:

1. MATERIAL: SEE LEGEND

2. FINISH:

- 909 - OVERALL HOT TIN DIP: .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.

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 22-28 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.

LEGEND: 6838- ()

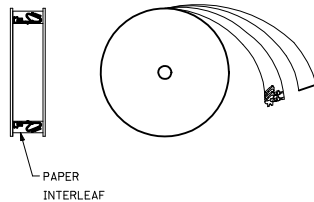
MATERIAL:
(.271/.0106 THK
BLANK=BRASS
A=PHOS BRONZE

WINDING
A= PER DETAIL A
BLANK= PER DETAIL B

FORM
BLANK= CHAIN
L= LOOSE

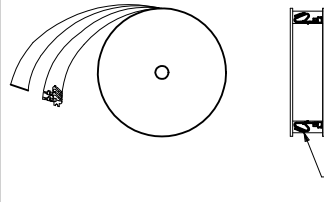
PLATING
SEE NOTE 2

WINDING DETAIL 'A'



PAPER
INTERLEAF

WINDING DETAIL 'B'



PAPER
INTERLEAF

ADD ALT. GEOMETRY EC NO: UCP2011-0681 DRAWN BY: DRWNK/PPER CHKD BY: CHYKSS/USEK APPR: FSW/TH 2010/09/14 2011/02/23 2011/02/25	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE IN/MM		SCALE ---		DESIGN UNITS INCH		THIRD ANGLE PROJECTION	
		mm		INCH		DRAWN BY	DATE	TITLE					
		4 PLACES ±		---		GUZIK	11/15/89	TRIFURCON TERMINAL					
		3 PLACES ±		±.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 ±---		APPROVED BY	DATE	MOLEX INCORPORATED					
		ANGULAR ±1/2°		LENZ		11/15/89	MOLEX						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE CHART		DOCUMENT NO. SD-6838				SHEET NO. 1 OF 2	
AQ	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

2	AQ
1	AQ
SHT	REV

SHEET NO.
1 OF 2

	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														
L	08-50-0275	6838-(P909)-A				08-60-0001	6838-A(132)														L
	08-50-0026	6838-(P102)				08-60-0002	6838-A(132)L														
		6838-(P102)L				08-58-0102	6838-A(558)														
	08-50-0028	6838-(102)					6838-A(558)L														
	08-50-0029	6838-(102)L				08-58-0108	6838-A(503)														
K						08-58-0109	6838-A(503)L														K
						08-52-0112	6838-A(P909)	SEE NOTE 1													
						08-52-0113	6838-A(P909)L	SEE NOTE 1													
						08-50-0024	6838-A(102)														
						08-50-0251	6838-A(102)L														
J						08-58-0105	6838-A(P555)														J
						08-58-0106	6838-A(P555)L														
						08-58-0110	6838-A(P561)	SEE NOTE 1													
						08-58-0111	6838-A(P561)L	SEE NOTE 1													
						08-58-0118	6838-A(561)														
I						08-58-0119	6838-A(561)L														I
						08-58-0131	6838-A(550)														
						08-58-0132	6838-A(550)L														
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.

ADD ALT. GEOMETRY

EC NO: UCP2011-0681

DRWN:KIPER 2010/09/14

CHKD:SSOUSEK 2011/02/23

APPR:FSM TH 2011/02/25

REV

AQ

QUALITY SYMBOLS

▽=0

▽=0

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

SCALE

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

TITLE

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

MOLEX

MOLEX INCORPORATED

MATERIAL NO.

SEE CHART

DOCUMENT NO.

SD-6838

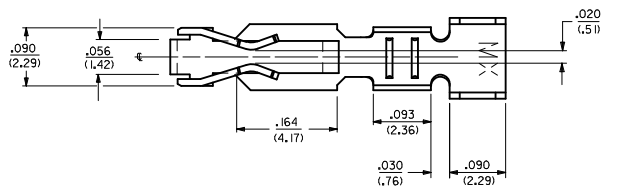
SHEET NO.

2 OF 2

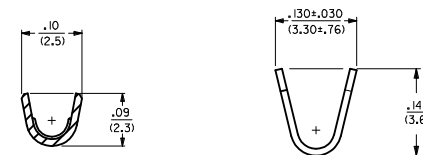
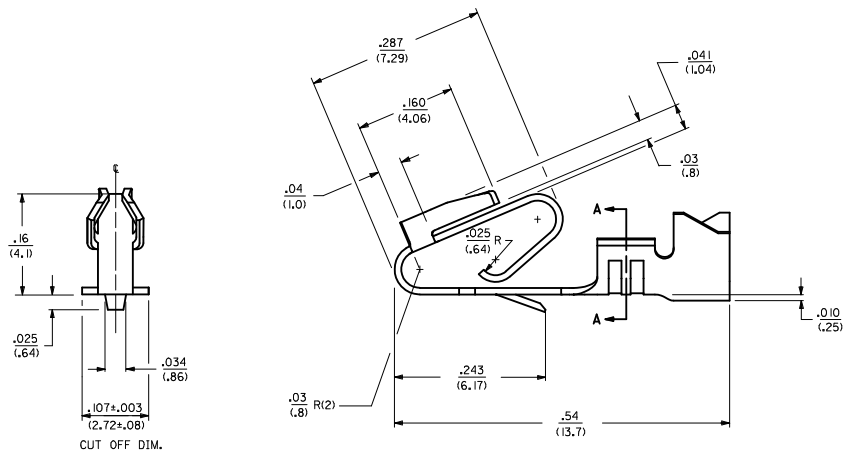
SIZE

D

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- 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.



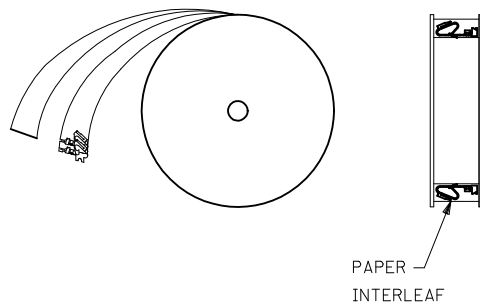
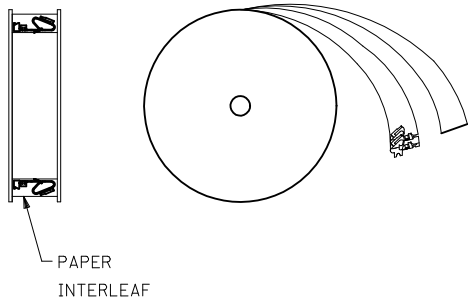
SECTION A-A

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	DOCUMENT NO. SD-6838-001		
		2 PLACES ± 0.25 ± .015		MATERIAL NO. 50291639		SHEET NO. 1 OF 1		
		1 PLACE ± 0.36 ± ---		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
NEW	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						



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