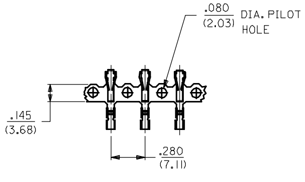
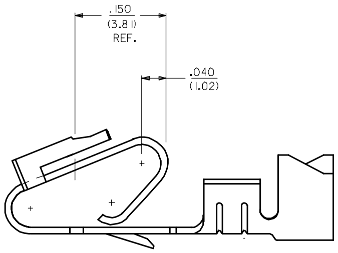
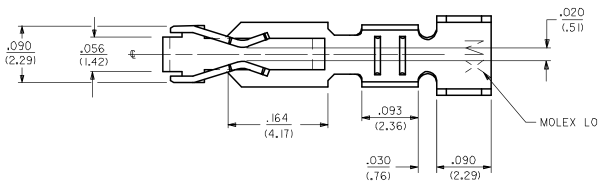
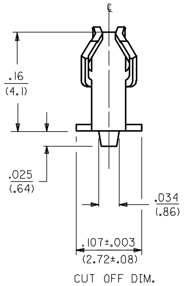


CARRIER STRIP DETAIL

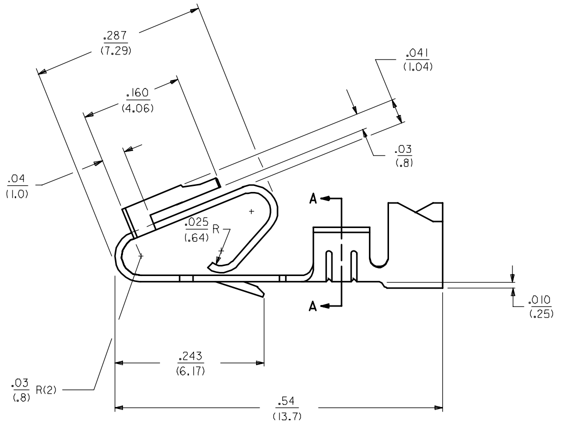


SELECTIVE PLATING LOCATION



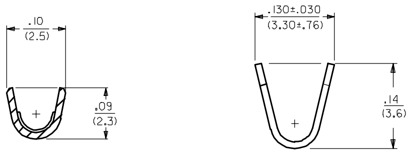


CUT OFF DIM.



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.
 * 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 NO'S. 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.



SECTION A-A

LEGEND: 6838-* (*) * *

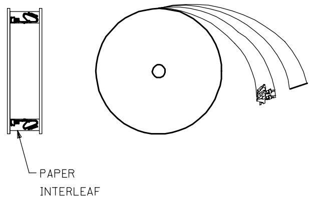
MATERIAL:
(.27)/.0106 THK
BLANK=BRASS
A=PHOS BRONZE

WINDING
A= PER DETAIL A
BLANK= PER DETAIL B

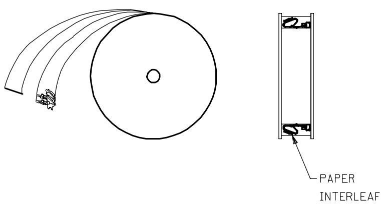
FORM
BLANK= CHAIN
L= LOOSE

PLATING
SEE NOTE 2

WINDING DETAIL "A"



WINDING DETAIL "B"



SHT	REV
2	AP2
1	AP2

ADD NOTE 9
EC NO: UCP2008-0005 2007/07/03
DRWN:ADERR 2007/07/09
CH'KD:JBELL 2007/07/09
APPR:FSMITH 2007/07/09
DESCRIPTION
AP2
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	±.010
2 PLACES	± 0.25	±.015
1 PLACE	± 0.36	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

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

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

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-6838
SHEET NO.: 1 OF 2
SIZE: D

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6838-(*)*-*

PART NO.	ENG. NO.
08-50-0187	6838-(P909)
08-50-0189	6838-(P909)L
08-50-0275	6838-(P909)-A
08-50-0026	6838-(P102)
	6838-(P102)L
08-50-0028	6838-(102)
08-50-0029	6838-(102)L

6838-A(*)*-*

PART NO.		ENG. NO.
08-58-0187	*	6838-A(P558)
08-58-0189	*	6838-A(P558)L
08-60-0001		6838-A(132)
08-60-0002		6838-A(132)L
08-58-0102		6838-A(558)
		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
08-50-0024		6838-A(102)
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
08-58-0118		6838-A(561)
08-58-0119		6838-A(561)L
08-58-0131		6838-A(550)
08-58-0132		6838-A(550)L

PART NO.	ENG. NO.

PART NO.	ENG. NO.

PART NO.	ENG. NO.

PART NO.	ENG. NO.

UPDATE TITLE BLOCK
EC NO: UCP2008-0005
DRWN:ADERR 2007/07/03
CH'KD:JBELL 2007/07/09
APPR:FSMITH 2007/07/09
DESCRIPTION
AP2
REV

QUALITY SYMBOLS
▼=0
▽C=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

SCALE

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

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

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

MOLEX INCORPORATED

MATERIAL NO.
SEE CHART

DOCUMENT NO.
SD-6838

SHEET NO.
2 OF 2

SIZE
D

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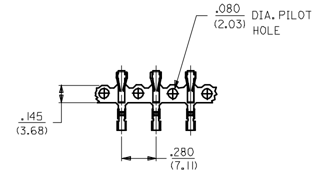
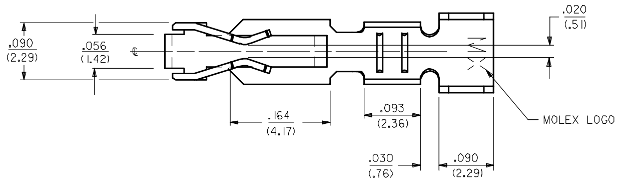
tb_frame_D_P_ME_T
Rev. E 2006/04/15

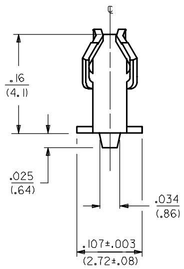


CARRIER STRIP DETAIL

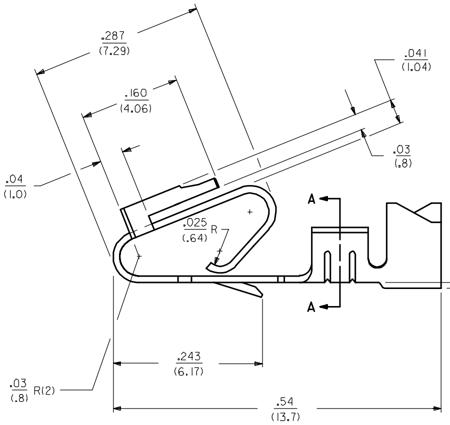


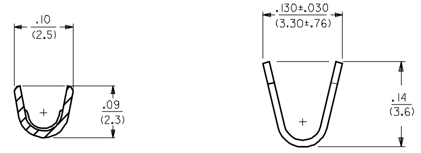
NOTES:

2. CRIMP FOR 18 TO 20 GA. WIRE WITH MAX. INSULATION DIA. OF .110/(2.79), STRIP LENGTH OF .125/.100 / (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.

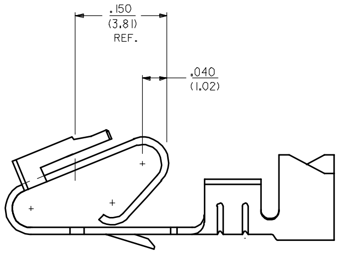


CUT OFF DIM.





SECTION A-A



SELECTIVE PLATING
LOCATION

LEGEND: 6838-* (P909) * *

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

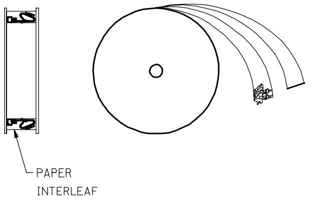
WINDING
BLANK= PER DETAIL B

FORM
BLANK= CHAIN

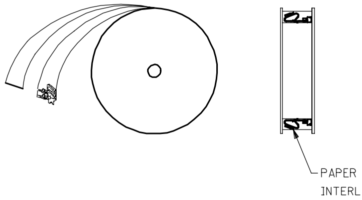
PLATING PER SDES-88
(909) * OVERALL HOT TIN DIP: 2.54 MICROMETERS MIN.

*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.

WINDING DETAIL "A"



WINDING DETAIL "B"



CHANGE TO ME10
EC NO: UCP2005-0959 2004/11/16
DRWN:ADRATNOL 2004/11/16
CH'KD: SAMIEC 2004/11/16
APPR: MARGULIS 2004/11/17
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	±.010
2 PLACES	± 0.25	±.015
1 PLACE	± 0.36	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE IN/MM
SCALE ---
DESIGN UNITS INCH
THIRD ANGLE PROJECTION

DRAWN BY JJS DATE 07/29/04
CHECKED BY KSS DATE 07/29/04
APPROVED BY YM DATE 07/29/04

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

MOLEX INCORPORATED

MATERIAL NO. 050291639
DOCUMENT NO. SD-6838-001
SHEET NO. 1 OF 1
SIZE D

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