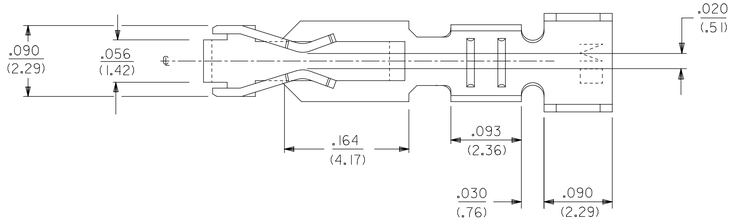
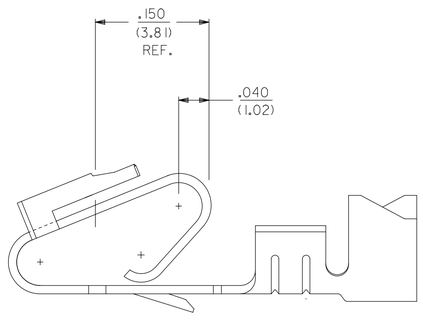


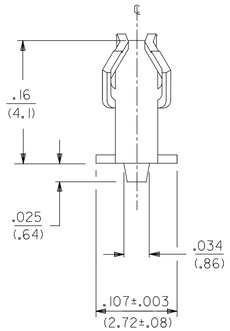
ALTERNATE GEOMETRY
SEE NOTE 10



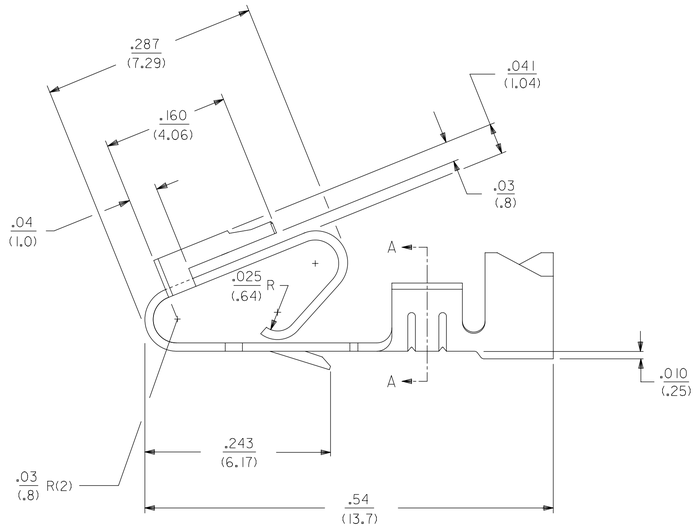
NOTES:
1. MATERIAL: SEE LEGEND
2. FINISH:
   909 - OVERALL HOT TIN DIP: .000100/(0.00254) MIN.
   154 - OVERALL TIN: .000100/(0.00254) MIN. OVER
   .000050/(0.00127) MIN. NICKEL.
   555 - SELECT HARD GOLD: .000015/(0.00038) MIN.
   OVERALL NICKEL: .000030/(0.00076) MIN.
   558 - SELECT HARD GOLD: .000030/(0.00076) 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-2759-002
   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.
11. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY
    DEPENDING ON PART NUMBER AND/OR TOOL.

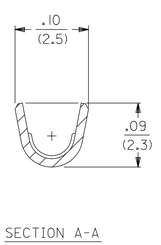


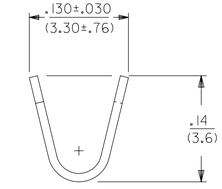
SELECTIVE PLATING
LOCATION



CUT OFF DIM.







SECTION A-A

LEGEND: 6838-* (*) * *

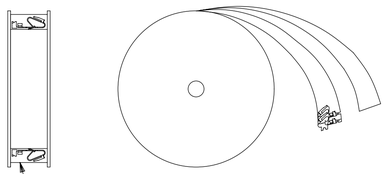
MATERIAL:
(.27)/.0106 THK
BLANK=BRASS
A=PHOS BRONZE

WINDING
A= PER DETAIL A
BLANK= PER DETAIL B

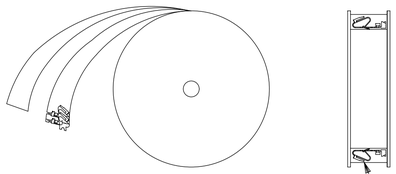
FORM
BLANK= CHAIN
L= LOOSE

PLATING
SEE NOTE 2

WINDING DETAIL "A"



WINDING DETAIL "B"



DOCUMENT STATUS	P1	RELEASE DATE	2018/10/05 09:56:24

SYMBOLS	
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E = 0	
P = 0	
S = 0	
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= 0	
= 0	
= 0	
= 0	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
IN/MM	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.36	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: NOTE 4 UPDATED

EC NO:	605479	
DRWN:	SS06	2018/09/17
CHK'D:	ISHWARG	2018/10/05
APPR:	ISHWARG	2018/10/05

INITIAL REVISION:

DRWN:	GUZIK	1989/11/15
APPR:	LENZ	1989/11/15

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 6838

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-6838	PSD	001	AT

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 2

6838-(*)*-*

PART NO.	ENG. NO.	
08-50-0187	6838-(P909)	SEE NOTE 1
08-50-0189	6838-(P909)L	SEE NOTE 1
08-50-0275	6838-(P909)-A	

6838-A(*)*-*

PART NO.	ENG. NO.	
08-58-0187	6838-A(P558)	
08-58-0189	6838-A(P558)L	
08-52-0112	6838-A(P909)	SEE NOTE 1
08-52-0113	6838-A(P909)L	SEE NOTE 1
08-50-0024	6838-A(154)	
08-50-0251	6838-A(154)L	
08-58-0105	6838-A(P555)	
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)	
08-58-0119	6838-A(561)L	

NOTES:

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

SYMBOLS

VA = 0
VE = 0
VP = 0
VS = 0
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V = 0
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: INCH
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.36	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: NOTE 4 UPDATED

EC NO: 605479
DRWN: SS06 2018/09/17
CHK'D: ISHWARG 2018/10/05
APPR: ISHWARG 2018/10/05

INITIAL REVISION:
DRWN: DRWN BY 1989/11/15
APPR: APPR BY 1989/11/15

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 6838

molex

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

PRODUCT CUSTOMER DRAWING

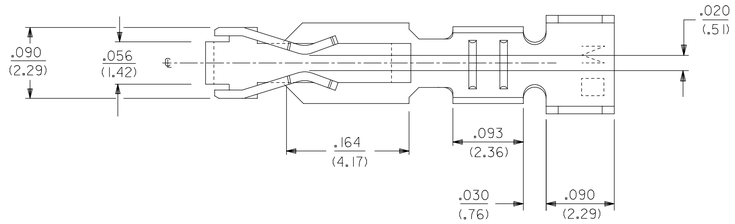
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-6838	PSD	001	AT

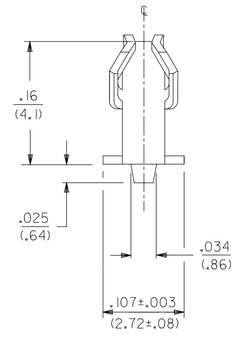
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/05 09:56:24

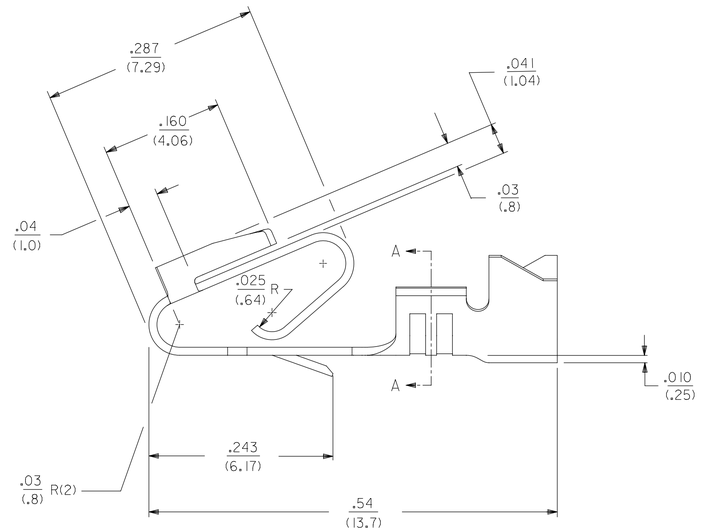
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DATE: 2018/01/18

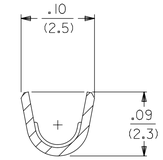
NOTES:
1. MATERIAL: SEE LEGEND
2. FINISH: 909 - OVERALL HOT TIN DIP: .000100/(0.00254) MIN.
3. PRODUCT SPECIFICATION: PS-40-02
4. PACKAGING SPECIFICATION: PK-2759-002
5. PART IS FOR USE WITH 18 TO 20 GA. WIRE WITH MAX. INSULATION DIA. OF .110/(2.79), STRIP LENGTH OF .125/.100 / (3.18/2.54)
6. SEE 7258 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



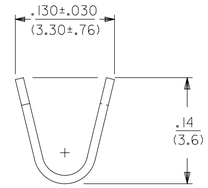


CUT OFF DIM.





SECTION A-A



LEGEND: 6838-* (P909) * *

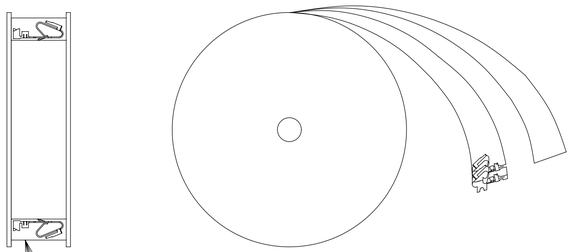
MATERIAL:
(.27)/.0106 THK
BLANK=BRASS

WINDING
BLANK= PER DETAIL B

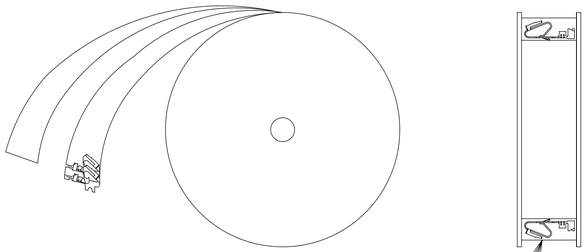
FORM
BLANK= CHAIN

PLATING PER SDES-88
SEE NOTE 2

WINDING DETAIL "A"



WINDING DETAIL "B"



DOCUMENT STATUS	P1	RELEASE DATE	2018/10/05 09:56:25

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H = 0	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
IN/MM	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.36	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: NOTE 4 UPDATED

EC NO: 605479
DRWN: SS06 2018/09/12
CHK'D: ISHWARG 2018/10/05
APPR: ISHWARG 2018/10/05

INITIAL REVISION:
DRWN: JJS 2004/07/29
APPR: YM 2004/07/29

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 6838

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-6838-001	PSD	001	C1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
50291639	GENERAL MARKET	1 OF 1