



MATERIAL CODE: 2478-1\*(P909)\*  
 (0.27)/.0106 THK  
 1 = BRASS  
 3 = PHOS BRONZE

WINDING SPEC.  
 BLANK=CHAIN, PER WINDING DETAIL "B"  
 L=LOOSE

OPTION CODE: BLANK=AS SHOWN  
 FINISH: SEE NOTE 2

- NOTES:
- MATERIAL: SEE LEGEND
  - FINISH: (909) OVERALL HOT TIN DIP: (0.00254)/.000100 MIN.
  - THIS PART CONFORMS TO PRODUCT SPECIFICATION PS-08-50.
  - SEE LEGEND FOR WINDING SPECIFICATION.
  - CONDUCTOR CRIMP FOR 16 AWG. WIRE WITH (2.79)/.110 MAX. INSULATION DIAMETER.
  - (0.86±0.05)/.034±.002 IS AN OPTIONAL DESIGN.
  - DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF THE TOTAL TOLERANCE.
  - CRIMP ACCEPTS 18 TO 24 GA. WIRE WITH (2.79)/.110 MAX. INSULATION DIAMETER WHEN USED WITH 2574 CONNECTOR.  
 (2.54)/.100 MAX. INSULATION DIAMETER WHEN USED WITH 2139 CONNECTOR.  
 HOUSING 41695 IS RECOMMENDED FOR OVER (2.54)/.100 DIAMETER INSULATION.  
 CRIMP ACCEPTS (3.00)/.118 MAX. INSULATION DIAMETER WITH SPECIAL TOOLING.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

MATERIAL NUMBER	ENGINEERING NUMBER	PLATING	FORM
50-29-1689	2478-1-(P909)	P909	CHAIN
50-30-4428	2478-1-(P909)L	P909	LOOSE
50-30-4429	2478-3-(P909)L	P909	LOOSE
50-29-1762	2478-1-(P909)L	P909	LOOSE
50-29-1768	2478-3-(P909)	P909	CHAIN

ADD WINDING VIEW EC NO: UCP2014-4131 DRAWN: KIPPER 2014/04/07 CHKD: NGUYEN 2014/04/07 APPR: F. SMITH 2014/04/21	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± --- 0 PLACE ± ±	mm INCH	DRAWN BY JJS	DATE 07/29/04	TITLE CRIMP TERMINAL .156 CENTERS 18 TO 24 GA WIRE <b>molex</b>			
		ANGULAR ±1/2°		CHECKED BY KSS	DATE 07/29/04	DOCUMENT NO. SD-2478-002			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY YM	DATE 07/29/04	SHEET NO. 1 OF 1			

MATERIAL NO. SEE CHART  
 SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION