



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 | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------------|---|-------|--------------------------|----|--------------|----------------------|------------------------|-------|----------|-------|--------|----------|--------|--------|---------|--------|-------|---------|---|---|-----------------|--|------------------|--|--|--|
| | | <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .014</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.36</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table> | | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± .010 | 2 PLACES | ± 0.25 | ± .014 | 1 PLACE | ± 0.36 | ± --- | 0 PLACE | ± | ± | DRAWN BY JJS | | DATE 07/29/04 | TITLE CRIMP TERMINAL .156 CENTERS 18 TO 24 GA WIRE molex DOCUMENT NO. SD-2478-002 SHEET NO. 1 OF 1 | | |
| | | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± .010 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.25 | ± .014 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.36 | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | CHECKED BY KSS | | DATE 07/29/04 | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR ±1/2° MATERIAL NO. SEE CHART | | APPROVED BY YM | | DATE 07/29/04 | | | | | | | | | | | | | | | | | | | | | | | |
| SIZE <input checked="" type="checkbox"/> | | MATERIAL NO. SEE CHART | | DATE 07/29/04 | | | | | | | | | | | | | | | | | | | | | | | |