

# MATERIALS & SPECIFICATIONS

INSULATORS  
THERMOPLASTIC PER ASTM  
D5138

CONTACT MATERIAL  
PINS - BERYLLIUM  
COPPER PER ASTM B194,  
ALLOY C17200  
SOCKET - COPPER ALLOY  
PER MIL-DTL-32139

CONTACT FINISH  
GOLD PLATE PER ASTM  
B488, TYPE II (HARD  
GOLD), CODE C, CLASS  
1.27

TERMINATION FINISH  
SOLDER COATED WITH  
SN63 PER J-STD-006 OR  
SN60 PER AMS-P-81728

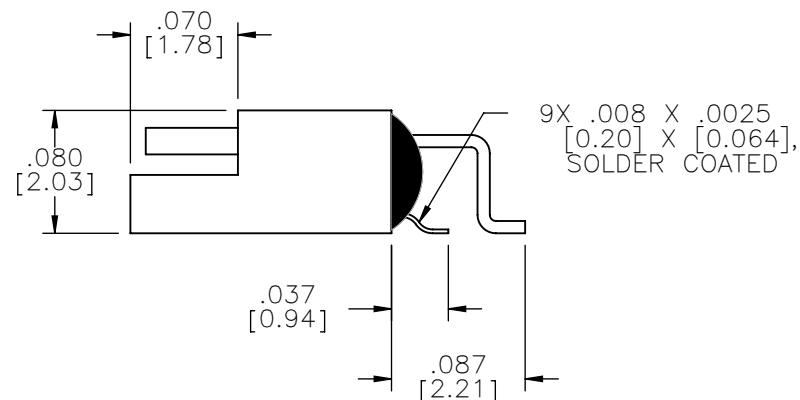
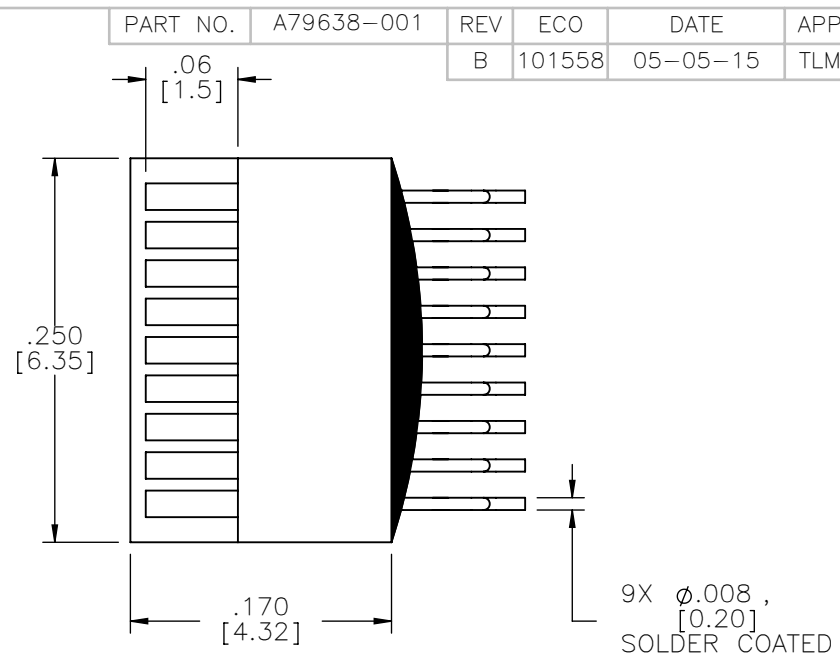
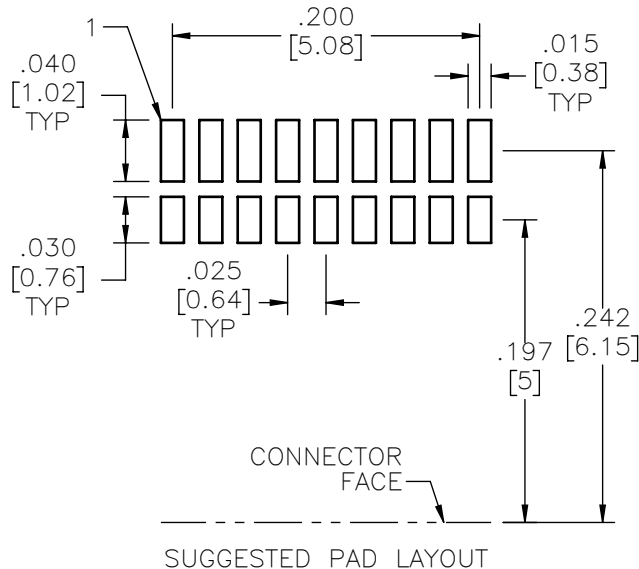
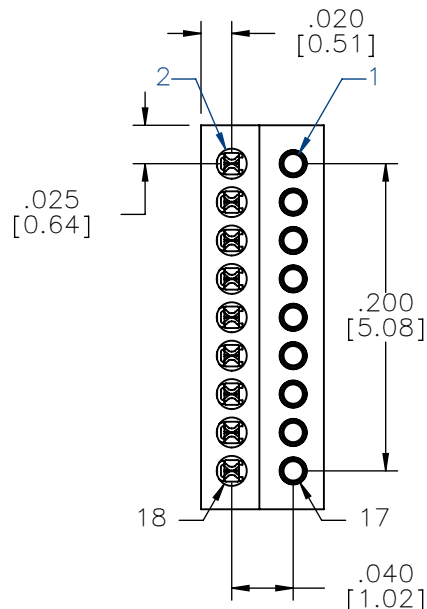
CURRENT RATING  
1 AMP PER MIL-DTL-  
32139

CONTACT RESISTANCE  
71 MILLIOHM MAX (71mV  
DROP MAX) @ 1.0 AMPS  
PER MIL-DTL-32139

PERFORMANCE  
PRODUCT FAMILY TESTED  
TO AND PASSED THE  
PERFORMANCE  
SPECIFICATIONS OF TABLE  
VIII OF MIL-DTL-32139



ACTUAL SIZE



## NOTE:

DIMENSIONS IN [ ] ARE IN  
MILLIMETERS UNLESS  
OTHERWISE NOTED AND ARE  
FOR REFERENCE ONLY

|                         |                                                                |                                                                                                                                                                                                                                                                    |                |                               |                                                                                                             |                    |  |
|-------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------|--|
| PZN<br><br><br><br>SLDW | THIRD ANGLE                                                    | THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF OMNETICS CONNECTOR CORP. THIS DOCUMENT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR DISCLOSED FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION FROM OMNETICS CONNECTOR CORP. |                |                               | OMNETICS<br>CONNECTOR CORPORATION<br>7260 COMMERCE CIRCLE EAST<br>MINNEAPOLIS, MN 55432<br>WWW.OMNETICS.COM | CAGE CODE 61873    |  |
|                         | -TOLERANCES-                                                   |                                                                                                                                                                                                                                                                    |                |                               |                                                                                                             | DWG NO. A79638-001 |  |
|                         | UNLESS OTHERWISE NOTED                                         |                                                                                                                                                                                                                                                                    |                |                               |                                                                                                             | SHEET 1 OF 1       |  |
|                         | DIMENSIONS IN INCHES                                           | DFTM. MJM                                                                                                                                                                                                                                                          | DATE 04-12-13  | TITLE: (18) CONTACT POLARIZED |                                                                                                             | REV B              |  |
|                         | 2 PL DEC±.01<br>3 PL DEC±.005<br>4 PL DEC±.0005<br>ANGLES ± 1° | CHK'D.                                                                                                                                                                                                                                                             | DATE           | MALE/FEMALE                   |                                                                                                             |                    |  |
|                         | APP'D.                                                         | DATE                                                                                                                                                                                                                                                               | NANO CONNECTOR | SCALE: 8:1                    |                                                                                                             |                    |  |