

## 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

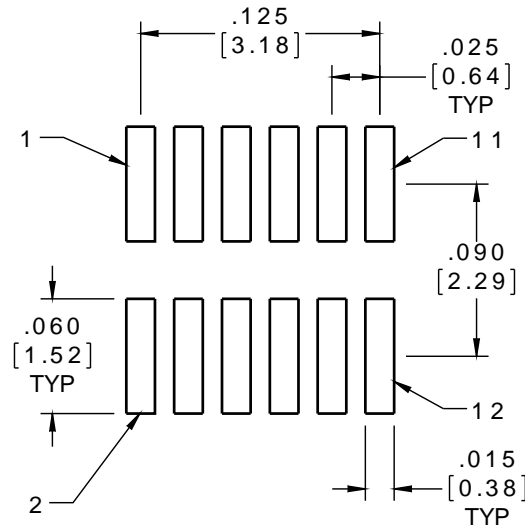
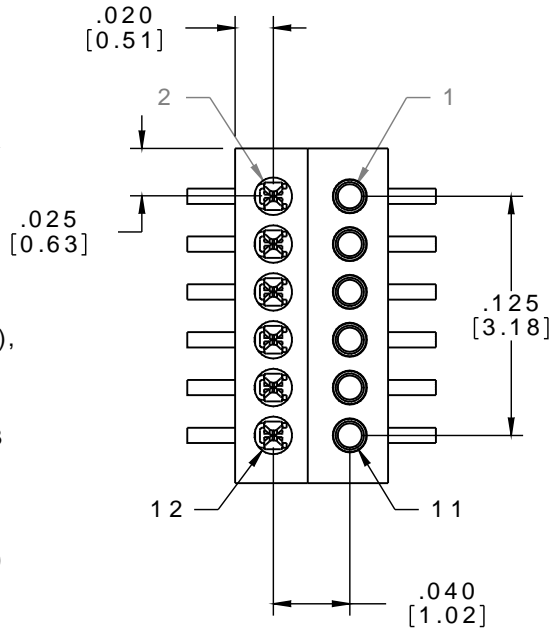
71 MILLIOHM MAX (71mV  
DROP MAX) @ 1.0 AMPS  
PER MIL-DTL-32139

### PERFORMANCE

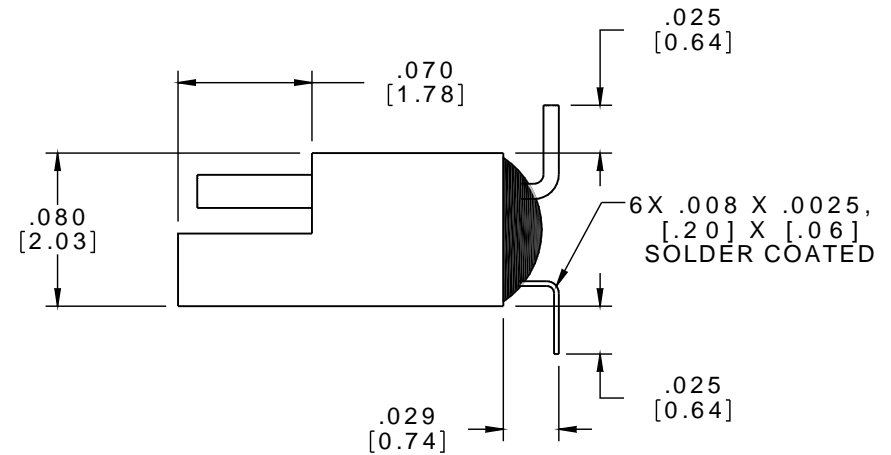
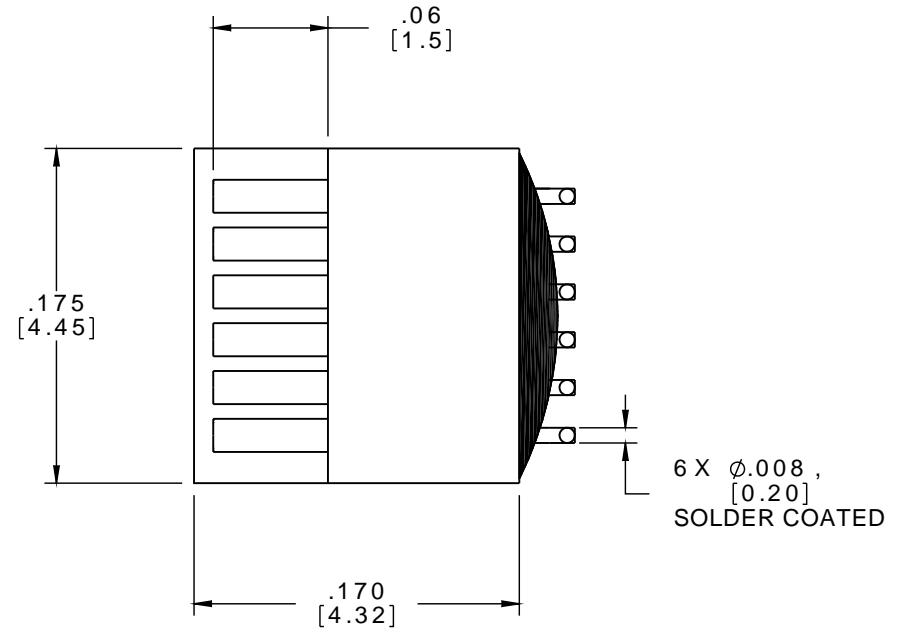
PRODUCT FAMILY TESTED TO  
AND PASSED THE  
PERFORMANCE  
SPECIFICATIONS OF TABLE  
VIII OF MIL-DTL-32139



ACTUAL SIZE




SUGGESTED PAD LAYOUT



### NOTE:

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

PZN	THIRD ANGLE 	
	-TOLERANCES-	
	UNLESS OTHERWISE NOTED	
	DIMENSIONS IN INCHES	
	2 PL DEC+ .01	
SLDW	3 PL DEC+ .005	
	4 PL DEC+ .0005	
	ANGLES ± 1°	

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DFTM. NJS  
CHK'D.  
APP'D.

DATE  
08-24-09  
DATE  
DATE

TITLE:  
(12) CONTACT POLARIZED  
MALE/FEMALE  
NANO CONNECTOR

**OMNETICS**  
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MINNEAPOLIS, MN 55432  
WWW.OMNETICS.COM

CAGE CODE 61873  
DWG NO.  
A79622-001  
SHEET 1 OF 1  
SCALE: 10:1  
REV  
D