

## 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

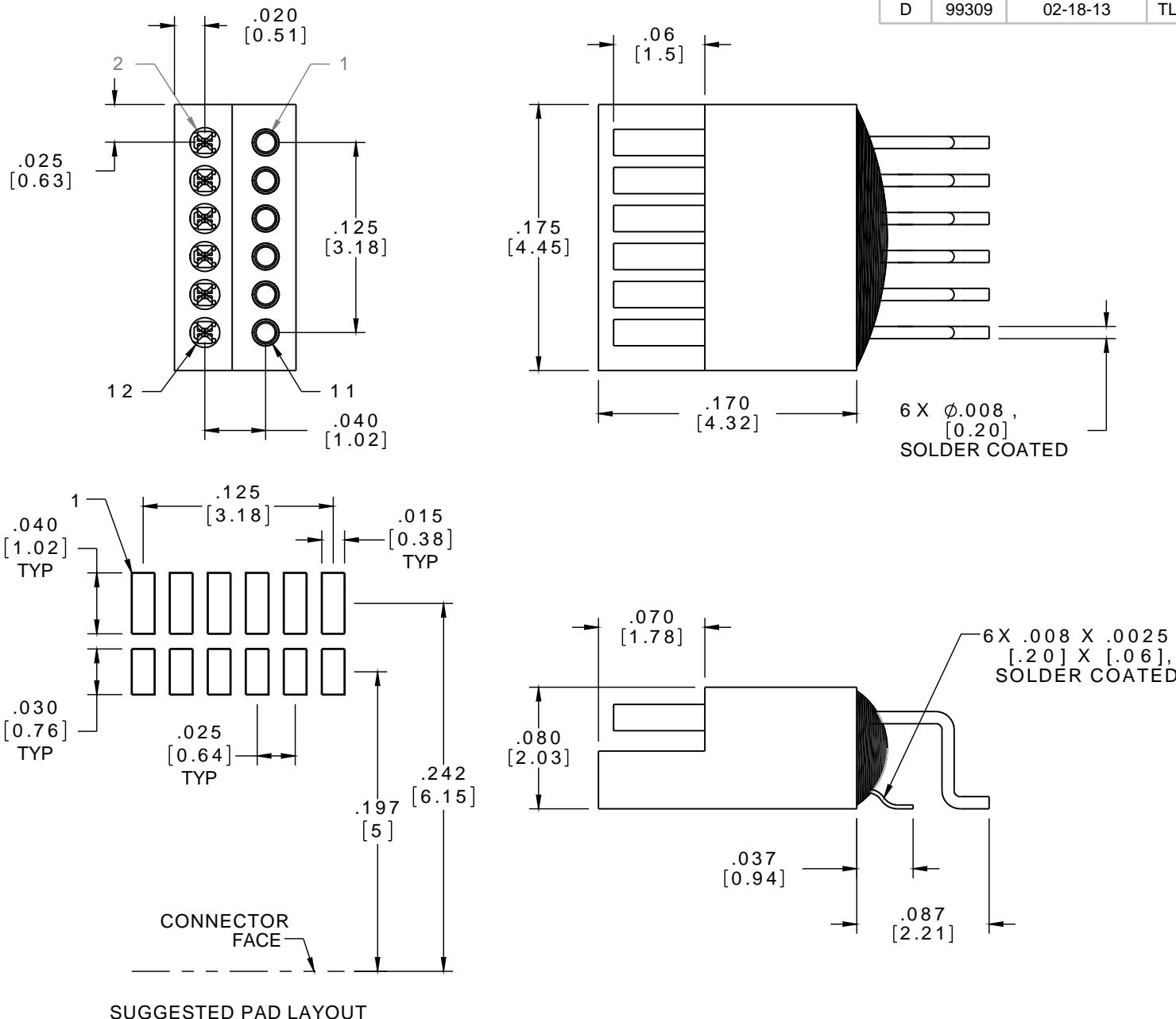
71 MILLIOHM MAX (71mV DROP MAX) @ 1.0 AMPS PER MIL-DTL-32139

### 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

DRAWN BY	THIRD ANGLE -TOLERANCES-	
	UNLESS OTHERWISE NOTED	DIMENSIONS IN INCHES
2 PL DEC $\pm$ .01		
3 PL DEC $\pm$ .005		
4 PL DEC $\pm$ .0005		
ANGLES $\pm$ 1°		

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DFTM. NJS DATE 8/24/2009 TITLE: (12) CONTACT POLARIZED  
CHK'D. DATE MALE/FEMALE  
APP'D. DATE NANO CONNECTOR

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DWG NO.  
**A 79623-001**  
SHEET 1 OF 1 REV  
SCALE: 10:1 D