

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 ON STANDARD (NON-ROHS)

INTEGRAL TAILS

PIN — SOLDER COATED WITH
SN63 PER J-STD-006 OR
SN60 PER AMS-P-81728

CURRENT RATING

1 AMP PER MIL-DTL-32139

CONTACT RESISTANCE

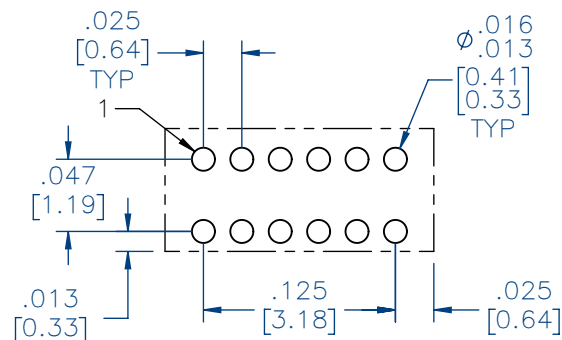
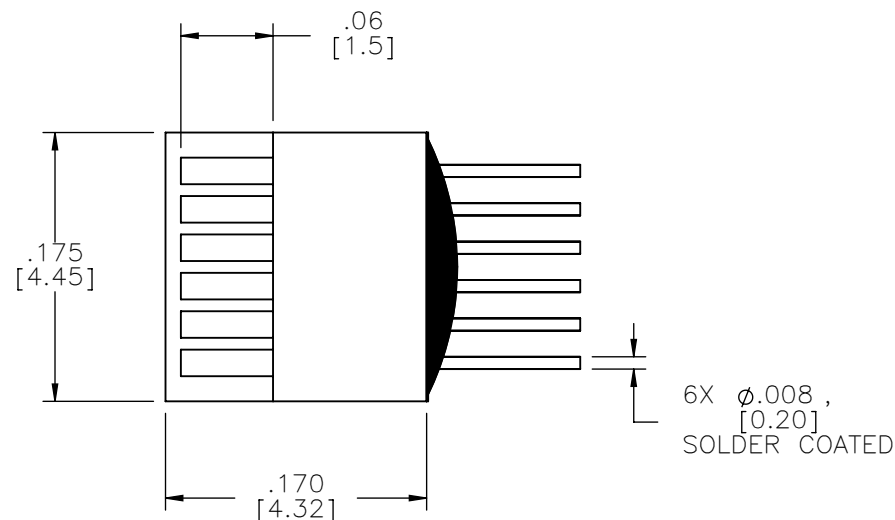
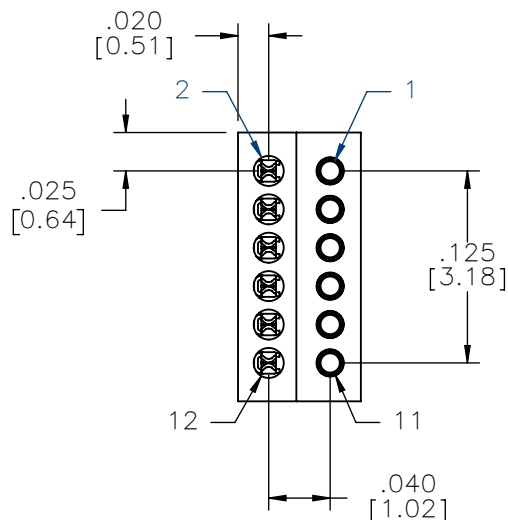
71 MILLIOHM MAX (71mV
DROP MAX) @ 1.0 AMPS
PER MIL-DTL-32139

PERFORMANCE

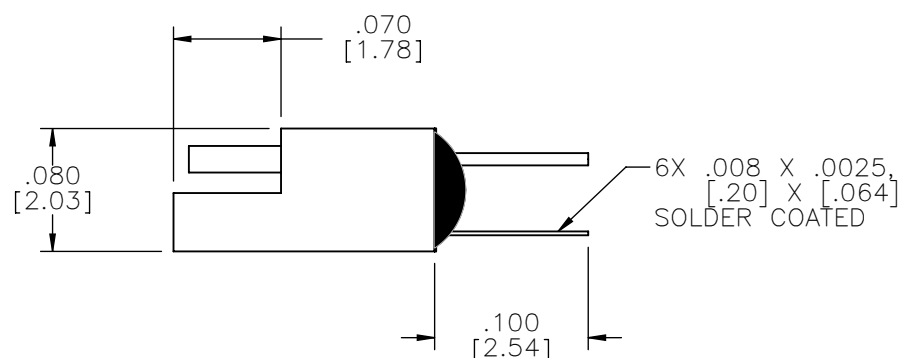
PRODUCT FAMILY TESTED TO
AND PASSED THE
PERFORMANCE
SPECIFICATIONS OF TABLE
VIII OF MIL-DTL-32139



ACTUAL SIZE



SUGGESTED PAD LAYOUT



NOTE:

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

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

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DFTM. NJS	DATE
CHK'D.	08-24-09
APP'D.	DATE

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

OMNETICS
CONNECTOR CORPORATION
7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

CAGE CODE	61873
DWG NO.	A79624-001
SHEET 1 OF 1	REV
SCALE: 8:1	E