

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

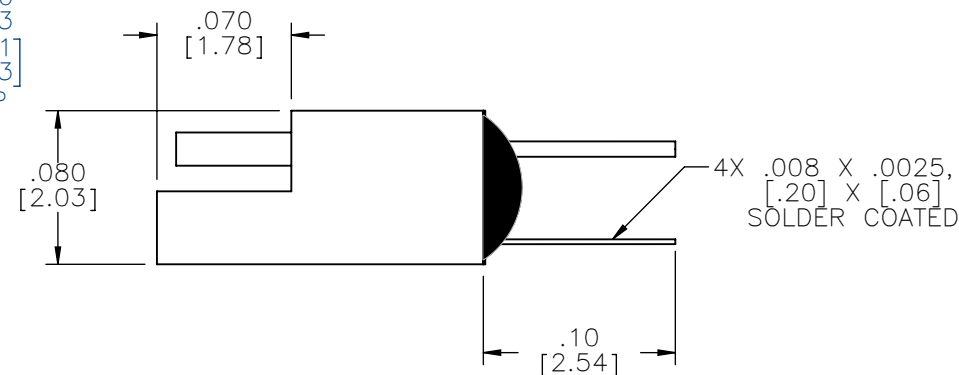
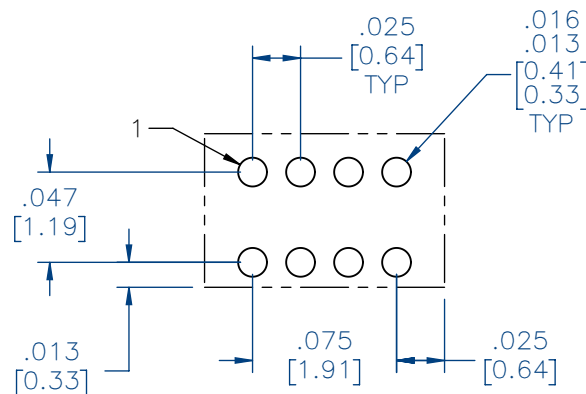
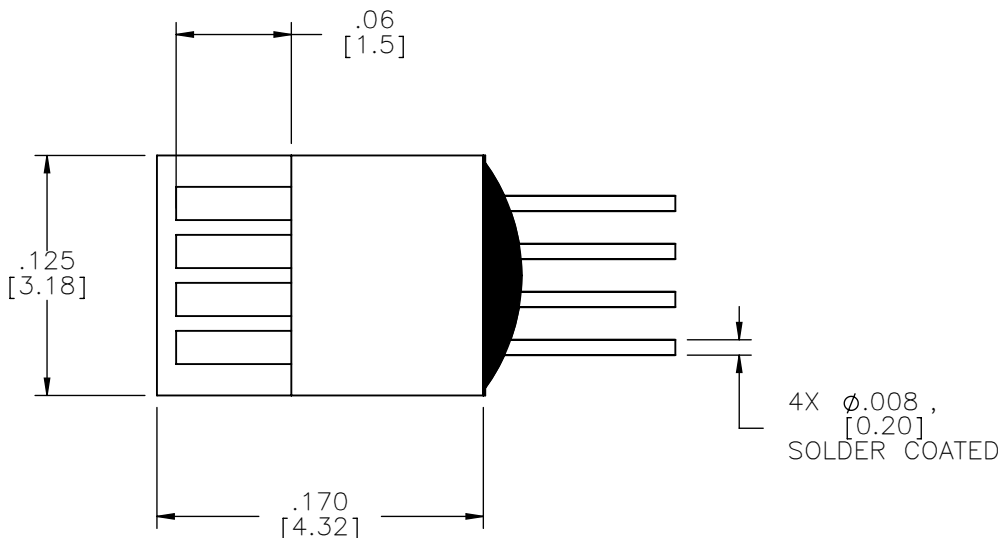
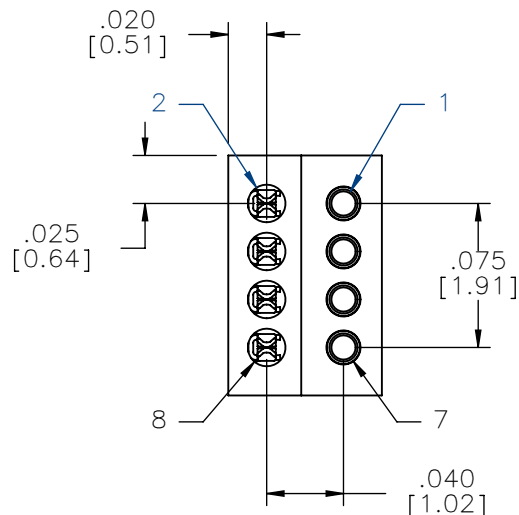
1 AMP PER MIL-DTL-32139

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



SUGGESTED
HOLE PATTERN



ACTUAL SIZE

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

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

OMNETICS
CONNECTOR CORPORATION
7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432
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CAGE CODE 61873	REV
DWG NO. A79614-001	E
SHEET 1 OF 1	SCALE: 10:1