

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

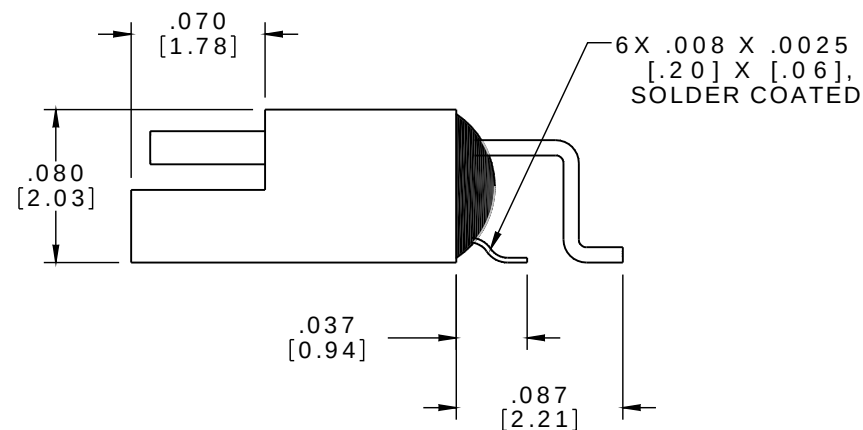
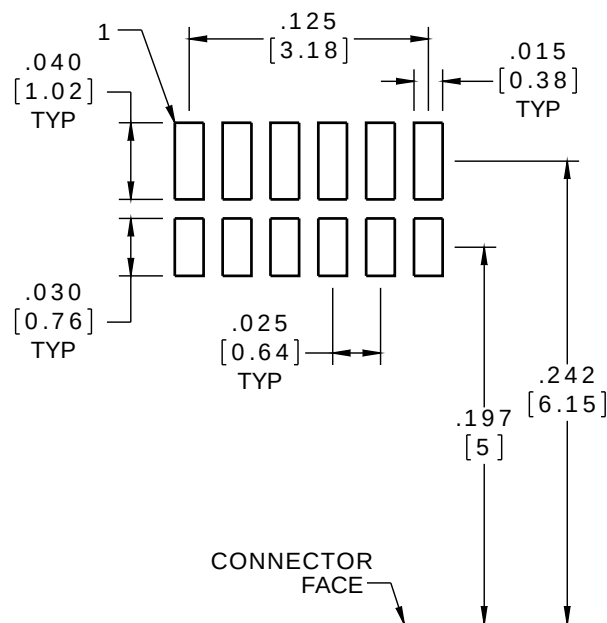
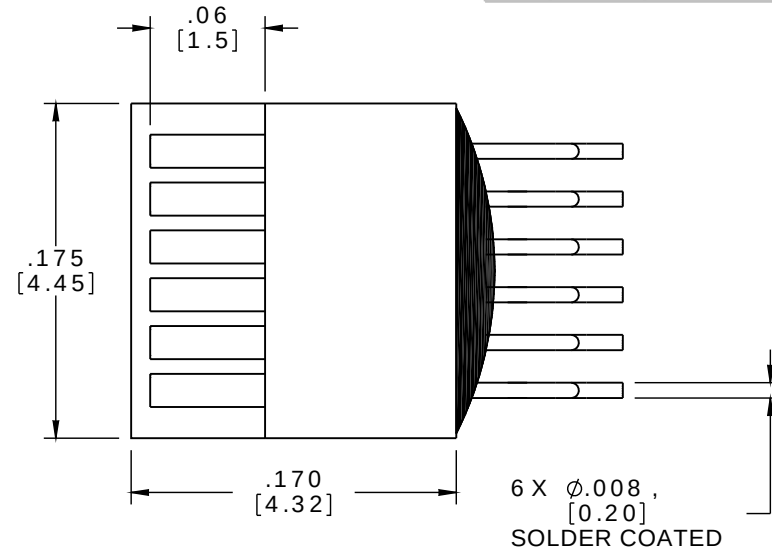
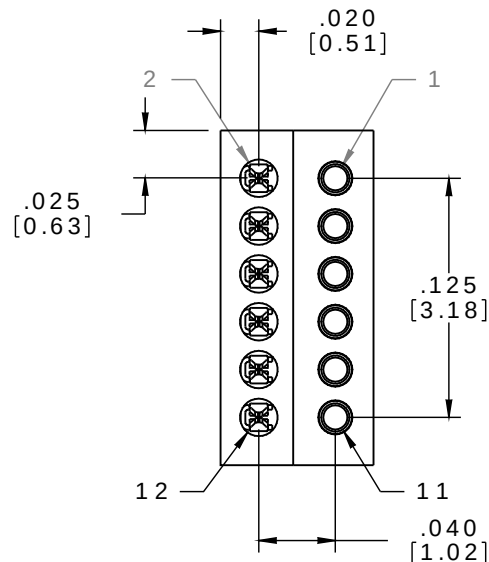
71 MILLIOHM MAX (71mV
DROP MAX) @ 1.0 AMPS
PER MIL-DTL-32139

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-	
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.	8/24/2009
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.
A79623-001	SHEET 1 OF 1
SCALE: 10:1	REV D