

MATERIALS & SPECIFICATIONS

HOUSING:

ALUMINUM 6061, NICKEL
PLATED (500 MICROINCHES
MINIMUM) PER SAE-AMS-
2404.

INSULATOR:

LIQUID CRYSTAL POLYMER
(LCP) PER ASTM 5138

CONTACT:

BERYLLIUM COPPER PER ASTM
B194, C17200, GOLD PLATED
PER ASTM B488, (HARD
GOLD) TYPE II CODE C, CLASS
1.27

TERMINATION:

SOLDER COATED WITH SN63A
PER J-STD-006 OR AMS-P-
81728

HARDWARE:

303 STAINLESS STEEL PER
ASTM A582

CURRENT RATING:

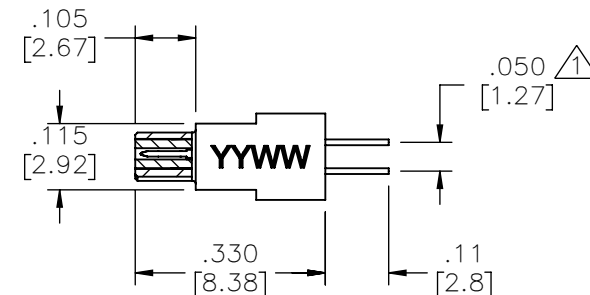
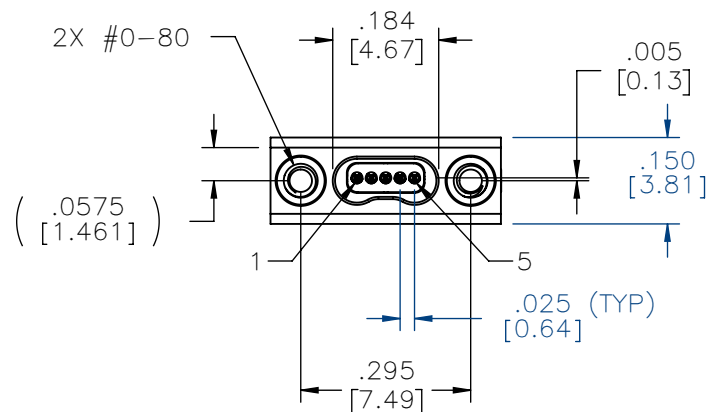
1 AMP MAX PER MIL-DTL-
32139

CONTACT RESISTANCE:

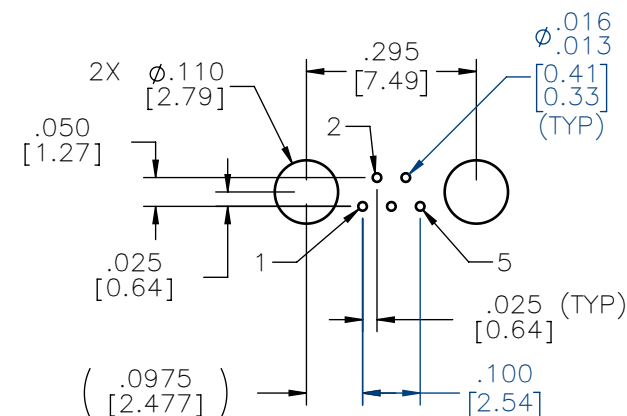
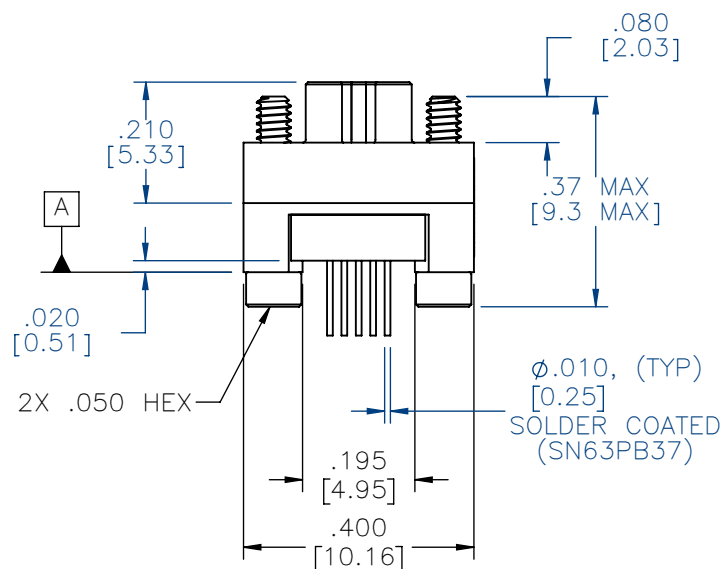
71 MILLIOHM MAX (71mV
DROP MAX) @ 1.0 AMPS PER
MIL-DTL-32139

PERFORMANCE:

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



VIEW LESS HARDWARE



SUGGESTED HOLE PATTERN

NOTES:

1. TAIL DIMENSIONS APPLY AT
PLANE [A].

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

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

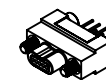
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TITLE:
DFTM. JPF
DATE
10-01-13

(5) PIN MALE
SINGLE ROW
BI-LOBE® CONNECTOR

OMNETICS
CONNECTOR CORPORATION
8840 EVERGREEN BLVD.
MINNEAPOLIS, MN 55433
WWW.OMNETICS.COM

DWG NO.	CAGE CODE	61873
A50019-005		
SHEET 1 OF 1	SCALE: 3:1	REV E



ACTUAL SIZE