

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

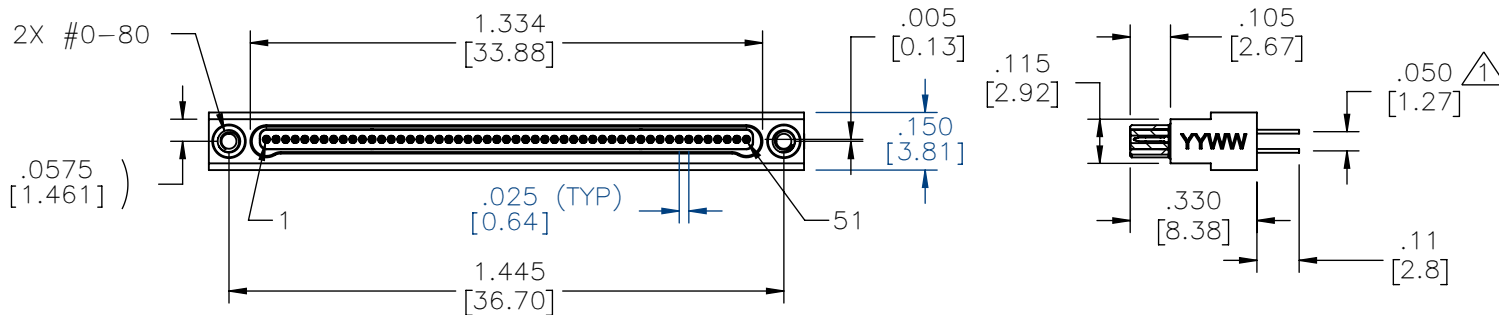
PERFORMANCE:

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

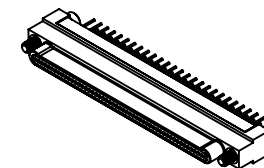
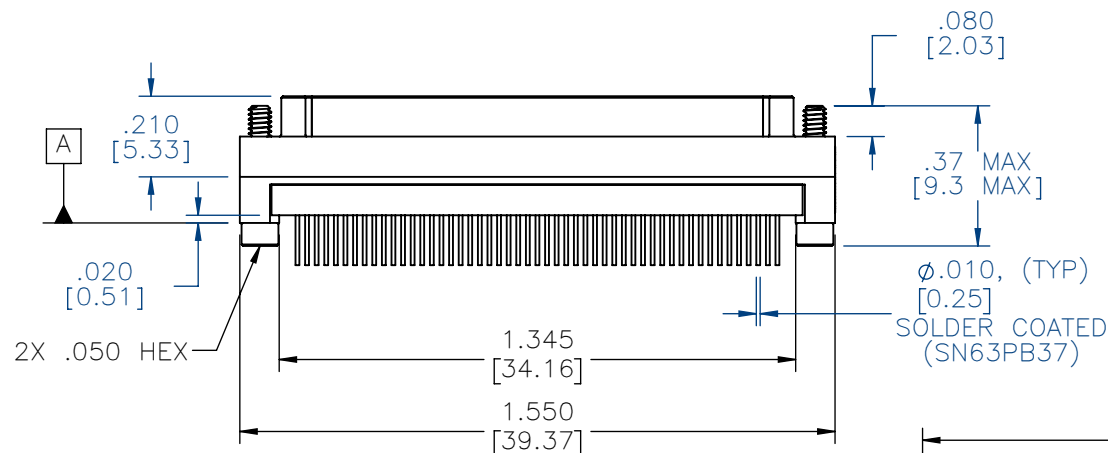
NOTES:

1 TAIL DIMENSIONS APPLY AT
PLANE A.

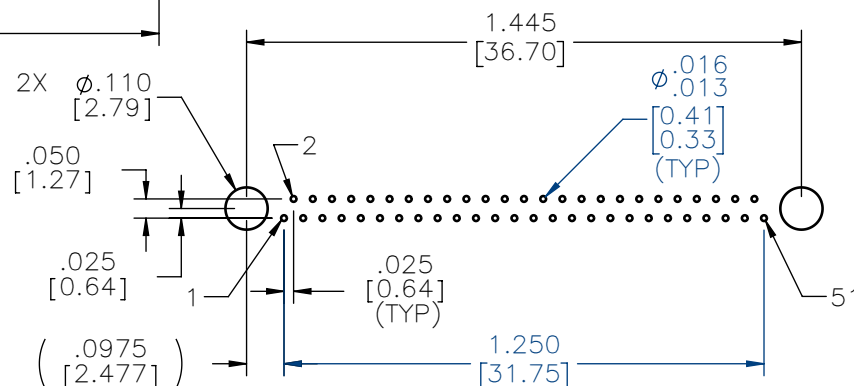
2. DIMENSIONS IN [] ARE IN
MILLIMETERS UNLESS
OTHERWISE NOTED AND ARE
FOR REFERENCE ONLY



VIEW LESS HARDWARE



ACTUAL SIZE



SUGGESTED HOLE PATTERN

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. JMJ
DATE
10-11-13

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

OMNETICS
CONNECTOR CORPORATION
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WWW.OMNETICS.COM

DWG NO.	CAGE CODE	61873
		A50019-051
SHEET	SCALE:	2:1
1 OF 1		REV E