

MATERIALS & SPECIFICATIONS

PART NO.	A50016-105	REV	ECO	DATE	APP
		A	109678	01-24-23	BAS

HOUSING:
ALUMINUM 6061, NICKEL PLATE
(500 MICRONS MINIMUM) PER
SAE-AMS-2404

INSULATOR:
THERMOPLASTIC PER MIL-M-24519
OR ASTM 5138

CONTACT:
COPPER ALLOY PER MIL-DTL-
32139. GOLD PLATED PER ASTM
B488, (HARD GOLD) TYPE II CODE
C, CLASS 1.27

TERMINATION:
SOLDER COATED WITH SN63A PER
J-STD-006

HARDWARE:
303 STAINLESS STEEL PER ASTM
A582

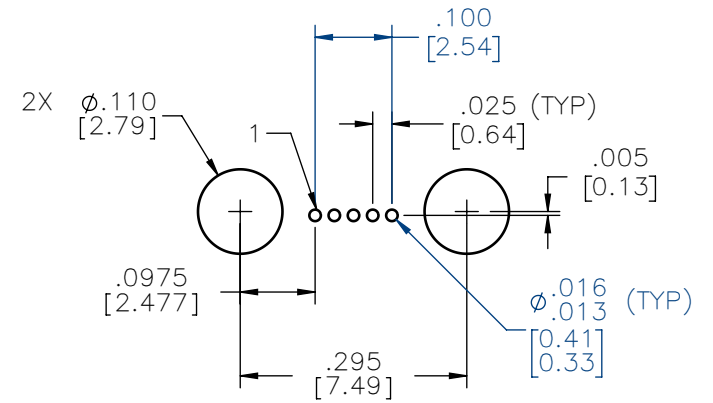
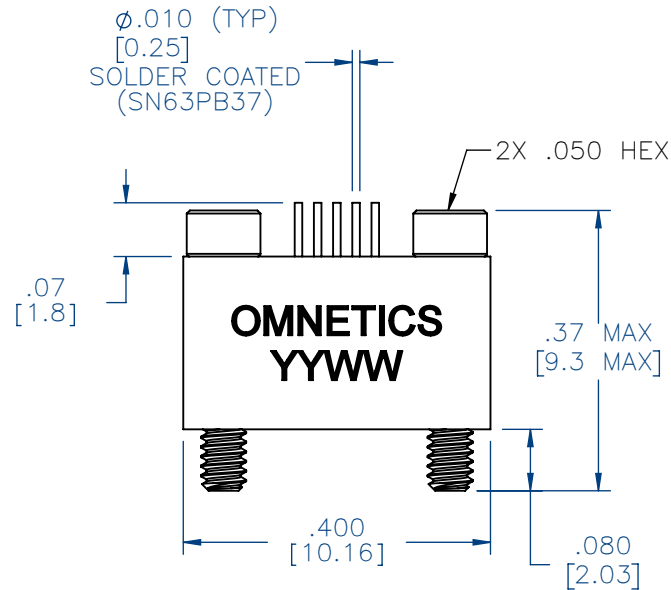
CURRENT RATING:
1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE:
71 MILLIOHM MAX

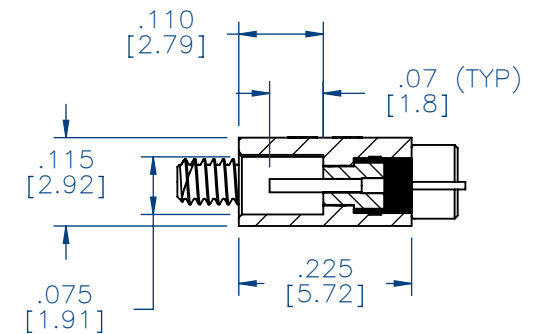
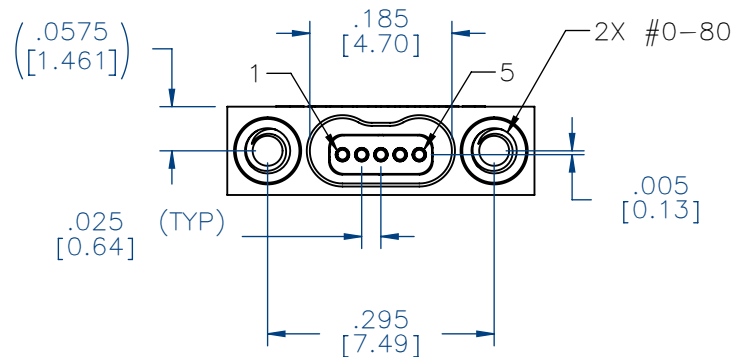
PERFORMANCE:
PRODUCT FAMILY TESTED TO AND
PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VIII OF
MIL-DTL-32139



ACTUAL SIZE



SUGGESTED HOLE PATTERN



NOTES:

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

MBS	THIRD ANGLE ϕ \triangleleft
	-TOLERANCES-
SLDW	UNLESS OTHERWISE NOTED
	DIMENSIONS IN INCHES
	2 PL DEC \pm .01
	3 PL DEC \pm .005
	4 PL DEC \pm .0005
	ANGLES \pm 1°

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TITLE:	(5) SOCKET FEMALE
DFTM. DWP	BI-LOBE® CONNECTOR
DATE	W/JACKSCREWS
11-04-22	

OMNETICS
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DWG NO.	CAGE CODE 61873
A50016-105	
SHEET 1 OF 1	SCALE: 4:1
	REV A