

MATERIALS & SPECIFICATIONS

HOUSING:

ALUMINUM 6061-T6, NICKEL PLATE
PER SAE-AMS-2404

INSULATOR:

LIQUID CRYSTAL POLYMER (LCP) PER
ASTM D5138

CONTACTS:

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

TERMINATIONS:

SOLDER COATED WITH SN63A
PER J-STD-006

CURRENT RATING:

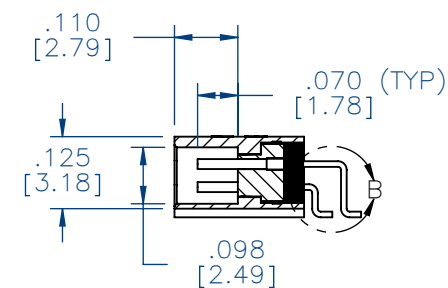
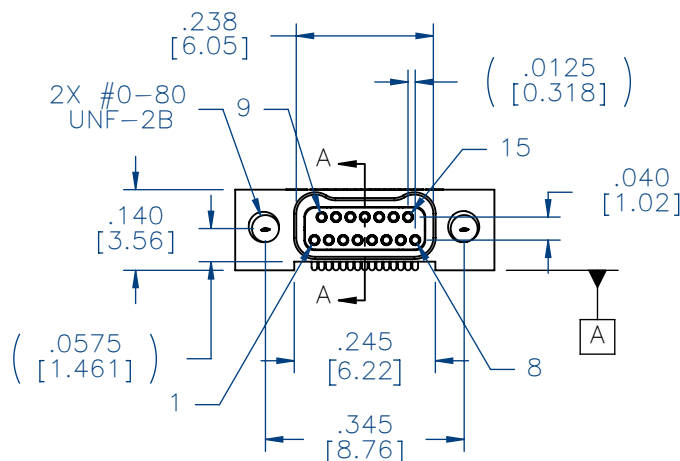
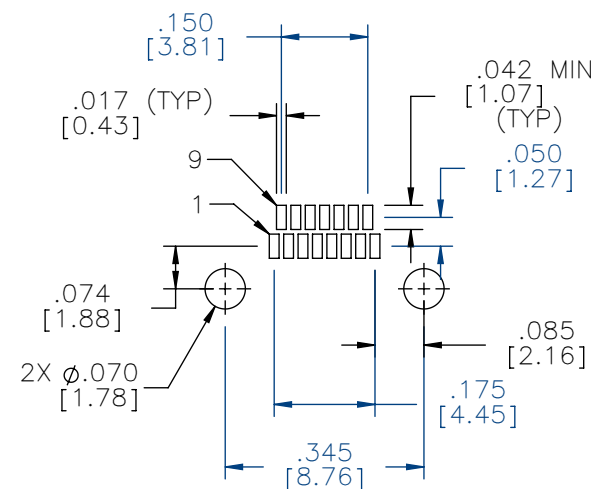
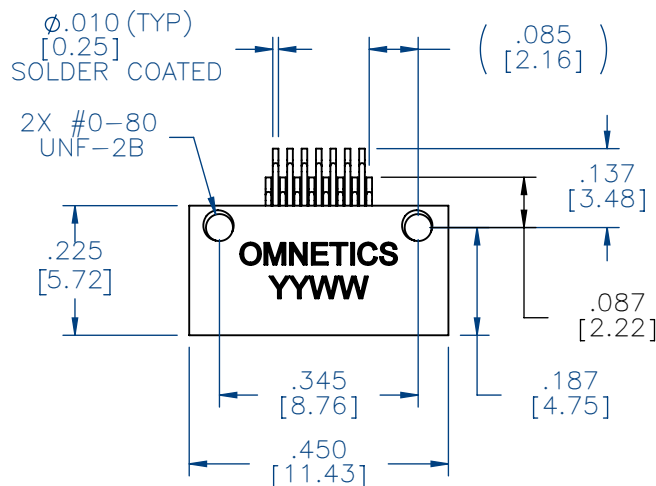
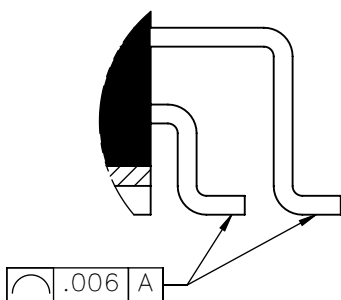
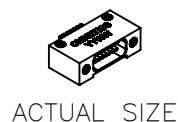
1 AMP MAX PER MIL-DTL-32139

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



SECTION A-A

NOTE:

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

MNSO	THIRD ANGLE	
	-TOLERANCES-	
	UNLESS OTHERWISE NOTED	
	DIMENSIONS IN INCHES	
2	PL DEC	$\pm .01$
3	PL DEC	$\pm .005$
4	PL DEC	$\pm .0005$
	ANGLES	$\pm 1^\circ$

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DFTM. AAS	DATE	TITLE:	
CHK'D.	DATE	(15) SOCKET FEMALE	
APP'D.	DATE	Bi-Lobe® CONNECTOR	

OMNETICS
CONNECTOR CORPORATION
7260 COMMERCE CIRCLE EAST
MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

CAGE CODE 61873	
DWG NO. A29100-015	
SHEET 1 OF 1	REV K
SCALE: 3:1	