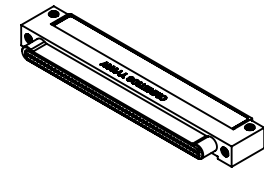
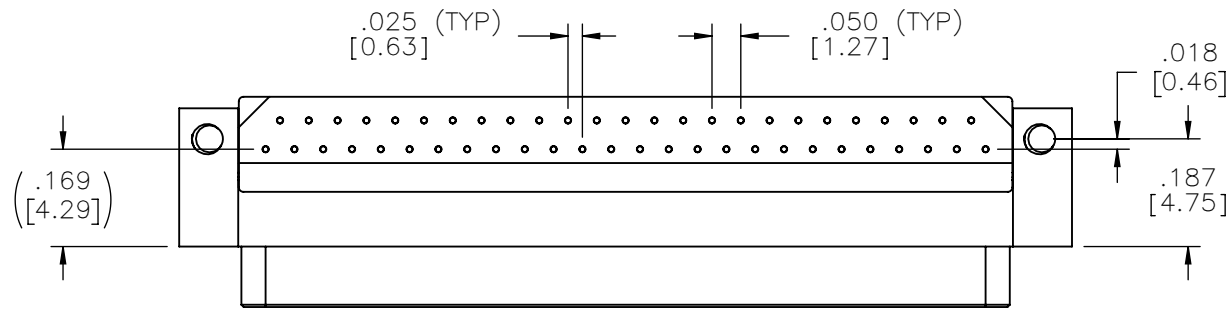
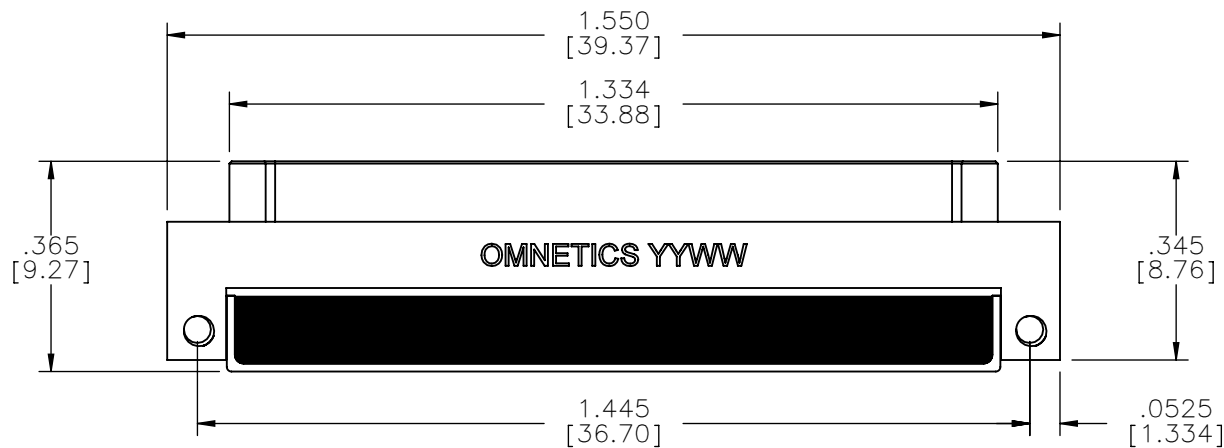
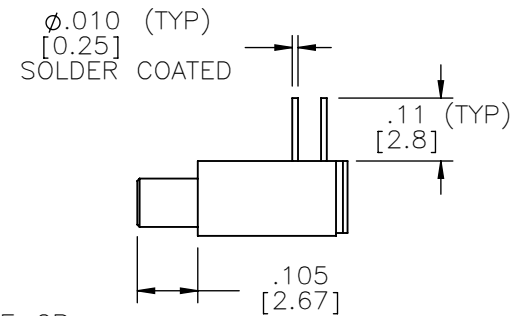
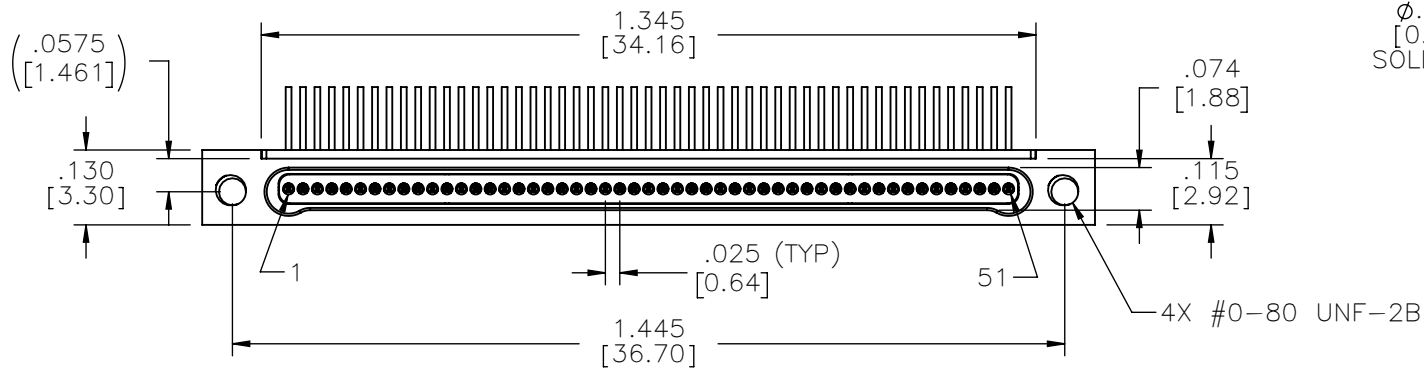


PART NO.	A50017-051	REV	ECO	DATE	APP
		C	106433	05-19-2020	TLM



ACTUAL SIZE



NOTE:

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

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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DFTM. GMH	02-24-14	(51) PIN MALE
CHK'D.	DATE	Bi-Lobe® CONNECTOR
APP'D.	DATE	

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

CAGE CODE 61873	REV
DWG NO. A50017-051	C
SHEET 1 OF 2	
SCALE: 3:1	

MATERIALS & SPECIFICATIONS

HOUSING:

ALUMINUM 6061, NICKEL PLATE (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

CURRENT RATING:

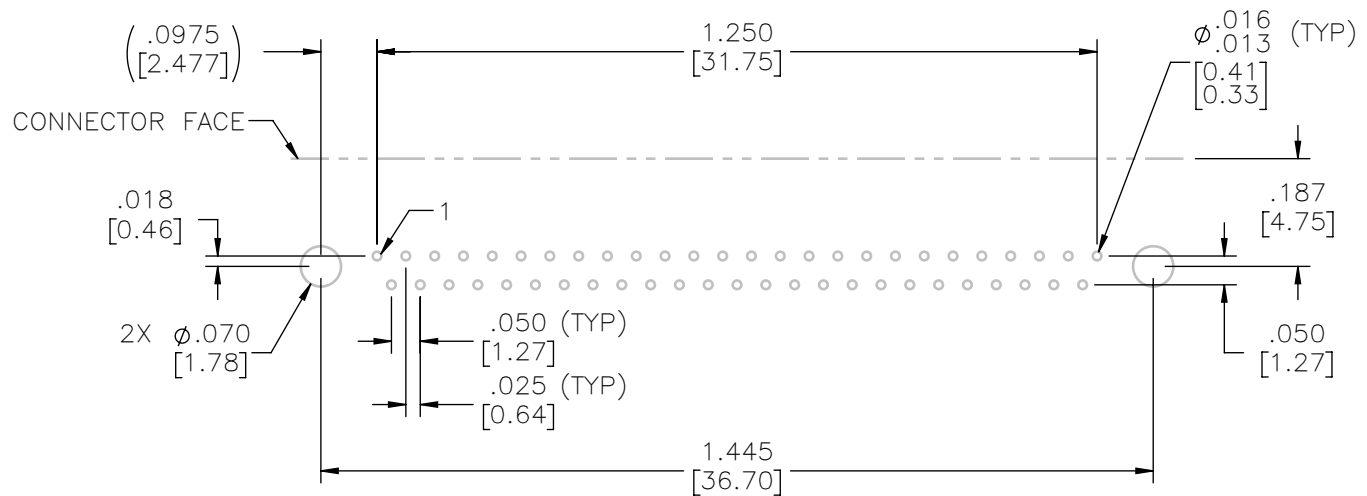
1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE:

71 MILLIOHM MAX

PERFORMANCE:

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



SUGGESTED HOLE PATTERN

NOTE:

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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DFTM. GMH	DATE 02-24-14
CHK'D.	DATE
APP'D.	DATE

TITLE:

(51) PIN MALE
Bi-Lobe® CONNECTOR

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

CAGE CODE 61873	DWG NO. A50017-051
SHEET 2 OF 2	REV C
SCALE: 3:1	