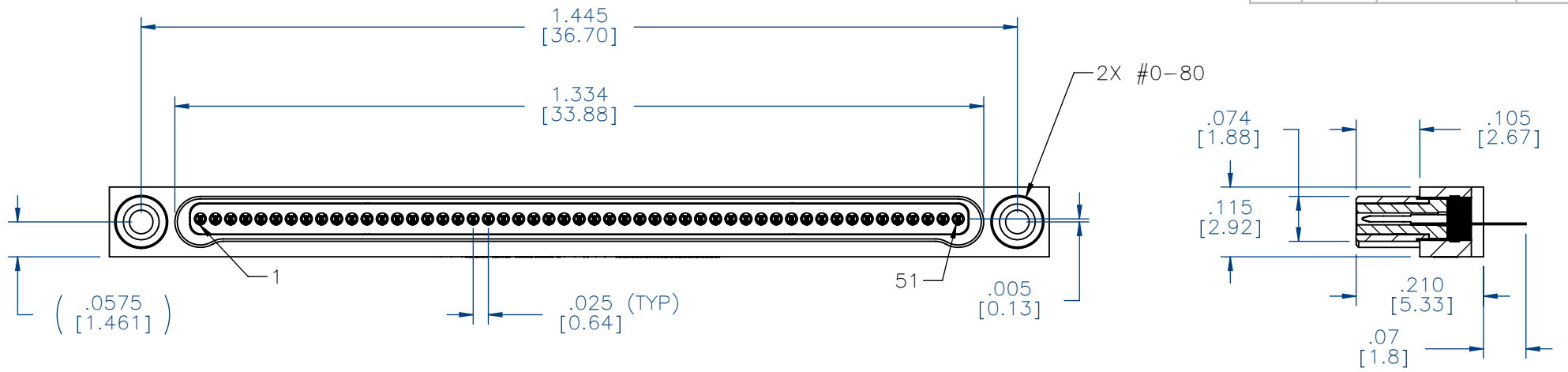
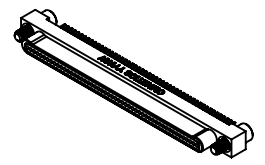
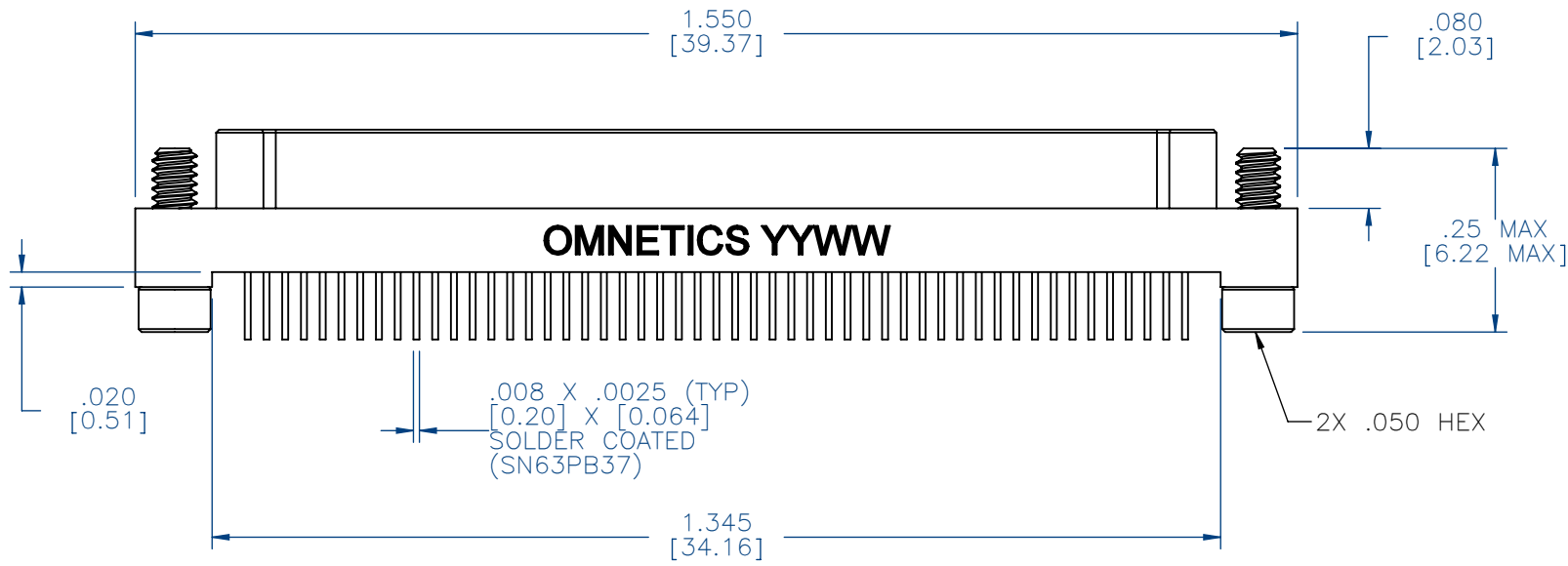


PART NO.	A50015-051	REV	ECO	DATE	APP
		C	109945	05-18-23	BAS



VIEW LESS HARDWARE



ACTUAL SIZE

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

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

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TITLE:
**(51) PIN MALE
BI-LOBE CONNECTOR**

DFTM. GMH
DATE
02-25-14

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

DWG NO.	CAGE CODE 61873
A50015-051	
SHEET 1 OF 2	SCALE: 4:1
	REV C

MATERIALS & SPECIFICATIONS

PART NO.	A50015-051	REV	ECO	DATE	APP
		C	109945	05-18-23	BAS

HOUSING:

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

INSULATOR:

LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138

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 PER AMS-P-81728

HARDWARE:

303 STAINLESS STEEL PER ASTM A582

CURRENT RATING:

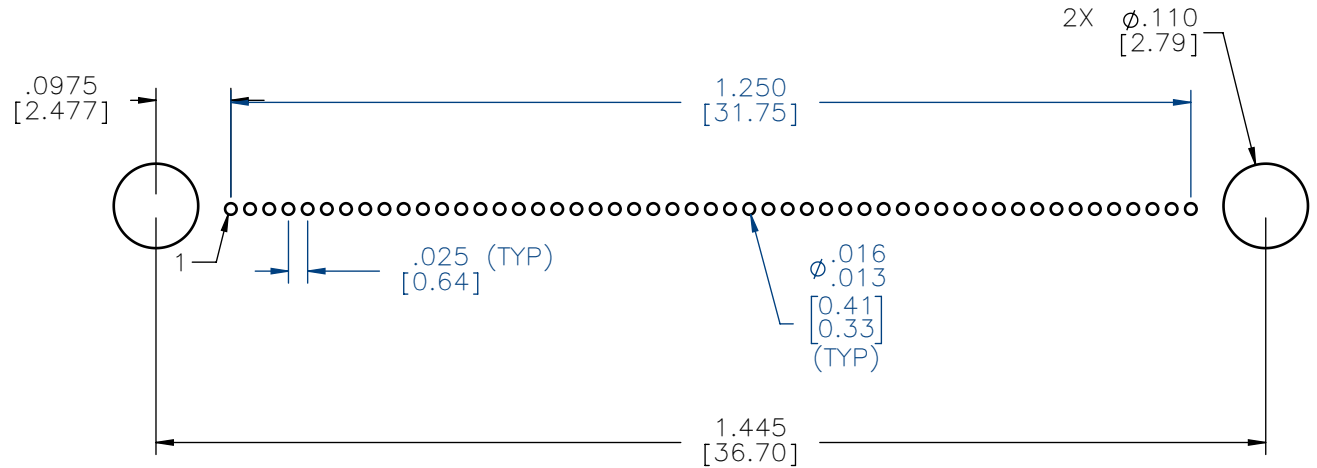
1 AMP MAX PER MIL-DTL-32139

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.



SUGGESTED HOLE PATTERN

MBPS	THIRD ANGLE
	-TOLERANCES-
SLDW	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:	(51) PIN MALE
DFTM. GMH	BI-LOBE CONNECTOR
DATE	02-25-14

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 MINNEAPOLIS, MN 55433
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DWG NO.	CAGE CODE 61873
A50015-051	
SHEET 2 OF 2	SCALE: 4:1
	REV C