

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

TERMINATION:

SOLDER COATED WITH
SN63A
PER J-STD-006

CURRENT RATING:

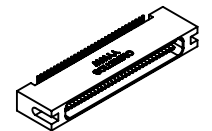
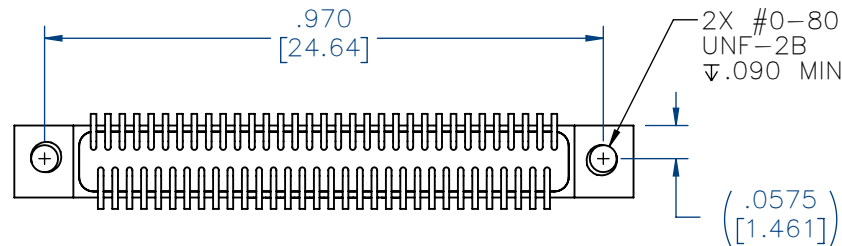
1 AMP MAX PER MIL-
DTL-32139

CONTACT RESISTANCE:

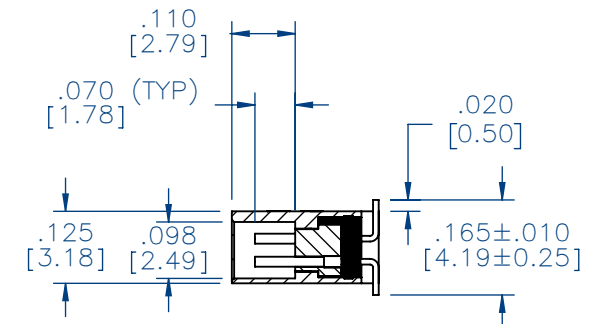
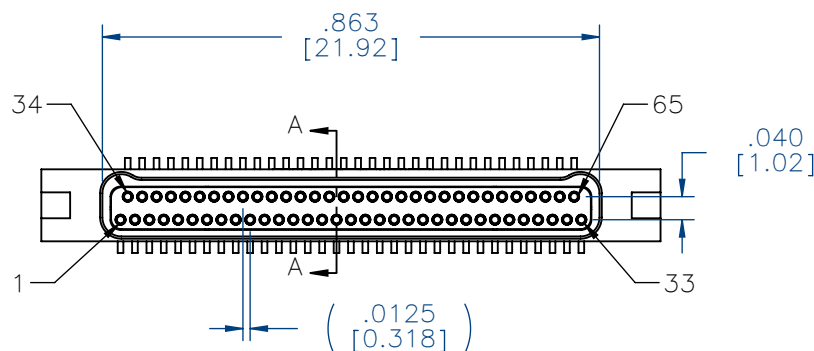
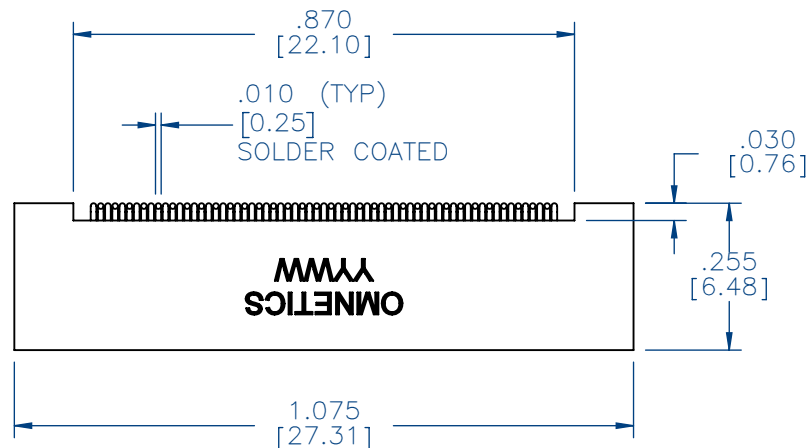
71 MILLIOHM MAX (71mV
DROP MAX) @ 1.0 AMPS
PER MIL-DTL-32139

PERFORMANCE:

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



ACTUAL SIZE



SECTION A-A

NOTE:

SEE SHEET 2 FOR PAD
LAYOUT

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

MNSL	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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DFTM. TLM	DATE 05-10-16
CHK'D.	DATE
APP'D.	DATE

TITLE:

(65) SOCKET FEMALE
LATCHING Bi-Lobe®
CONNECTOR

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

CAGE CODE 61873	
DWG NO. A29052-065	
SHEET 1 OF 2	REV A
SCALE: 3:1	

