MATERIALS & SPECIFICATIONS

A29052-065 APP PART NO. REV ECO DATE 102580 05 - 11 - 16TLM

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

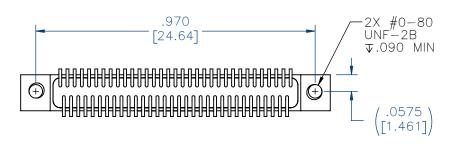
PERFORMANCE:

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

NOTF:

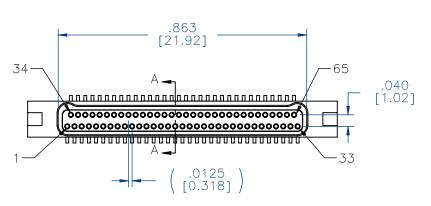
SEE SHEET 2 FOR PAD LAYOUT

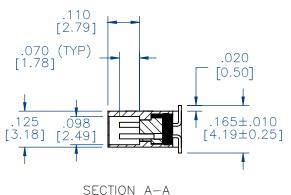
DIMENSIONS IN [] ARE IN MILLIMETERS UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY





.870 [22.10] .010 (TYP) [0.25].030 SOLDER COATED [0.76].255 **WWYY** [6.48]**OMNETICS** 1.075 [27.31]





	THIRD ANGLE⊕ ←
≤ Z	-TOLERANCES-
S	UNLESS OTHERWISE NOTED
	DIMENSIONS IN INCHES
	2 PL DEC± .01
12	3 PL DEC± .005
	4 PL DEC± .0005
ΙŠ	ANGLES ± 1°

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	DFTM. TLM	05-10-16
5)5	CHK'D.	DATE
	APP'D	DATE

(65) SOCKET FEMALE LATCHING Bi-Lobe® CONNECTOR

ctor corporation $A29052{-}065$ 7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNÉTICS.COM

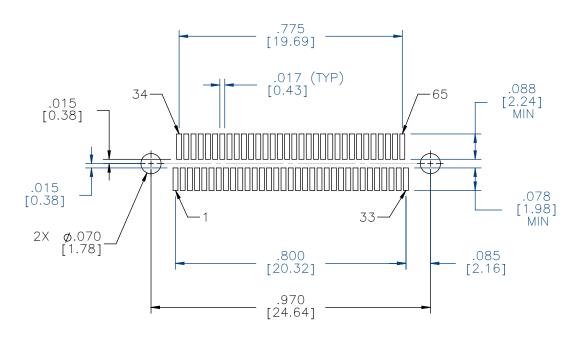
CAGE CODE 61873

DWG NO.

SHEET 1 OF 2 REV

Α SCALE: 3:1

PART NO.	A29052-065	REV	ECO	DATE	APP
		Α	102580	05-11-16	TLM



SUGGESTED	PAD	LAYOUT

THIRD ANGLE⊕ ← TOLERANCES-	THIS DRAWING CONTAINS CONFIDENTIAL AND OMNETICS CONNECTOR CORP. THIS DOCUMEN	PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF NT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR	OMNETICS	CAGE CODE 618	373
UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES 2 PL DEC± .01	DFTM. TLM DATE 05-10-16		CONNECTOR CORPORATION		65
Ø 3 PL DEC± .005 □ 4 PL DEC± .0005 ■ ANGLES ± 1°	CHK'D. APP'D.	LATCHING Bi-Lobe® CONNECTOR	7260 COMMERCE CIRCLE EAST MINNEAPOLIS, MN 55432 WWW.OMNETICS.COM	SHEET 2 OF 2	REV A