

MATERIALS & SPECIFICATIONS

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.
(CONTACT MATING AREA ONLY)

TERMINATION:

SOLDER PLATED PER AMS-P-81728.

LATCH SPRING:

BERYLLIUM COPPER PER ASTM B194 NICKEL PLATE PER SAE-AMS-2404

CURRENT CAPACITY:

3 AMP MAX.

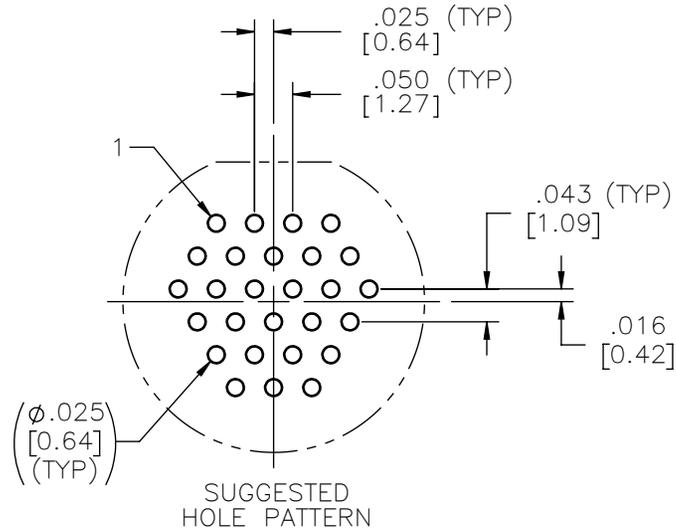
CONTACT RESISTANCE:

26 MILLIOHMS (65mV) MAX @ 2.5 AMPS.

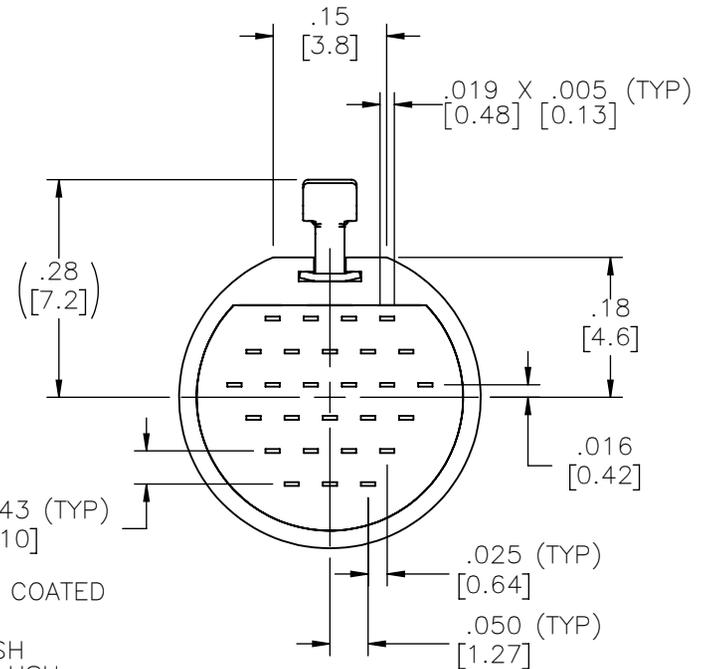
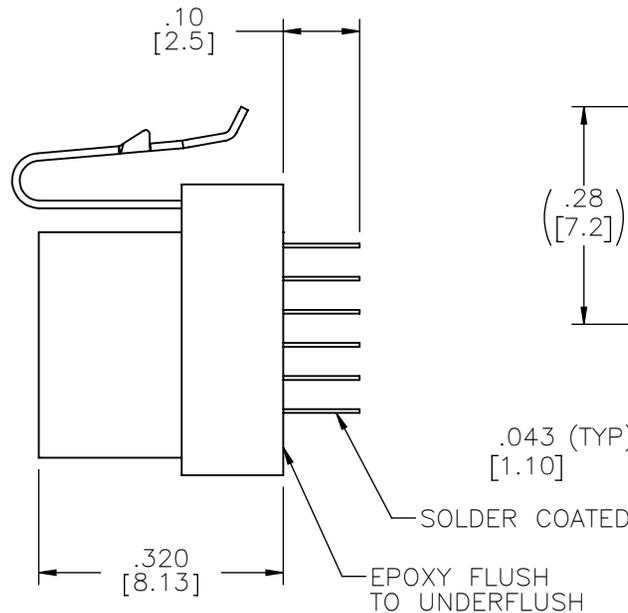
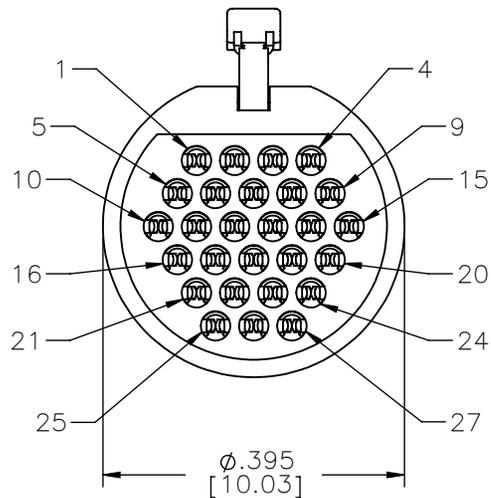
PERFORMANCE:

PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE SPECIFICATIONS OF TABLE VII OF MIL-DTL-83513.

PART NO.	A22048-001	REV	ECO	DATE	APP
		D	104958	10-25-18	HV



ACTUAL SIZE



REF: OMNETICS

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

THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF OMNETICS CONNECTOR CORP. THIS DOCUMENT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR DISCLOSED FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION FROM OMNETICS CONNECTOR CORP.

DFTM. TLM	DATE
CHK'D.	DATE
APP'D.	DATE

TITLE: (27) PIN MALE MICRO CIRCULAR CONNECTOR W/ LATCH

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

CAGE CODE 61873
DWG NO. A22048-001
SHEET 1 OF 1
SCALE: 4:1
REV D