

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.

TERMINATION:

COPPER ALLOY PER MIL-DTL-83513 MATT SOLDER PLATE
.0001-.0002 THICK PER AMS-P-81728 AND/OR GOLD
PLATED PER ASTM B488, (HARD GOLD) TYPE II CODE C
CLASS 1.27.

LATCH SPRING:

BERYLLIUM COPPER PER ASTM B194 NICKEL PLATE PER
AMS-C-26074.

CURRENT CAPACITY:

3 AMP MAX.

CONTACT RESISTANCE:

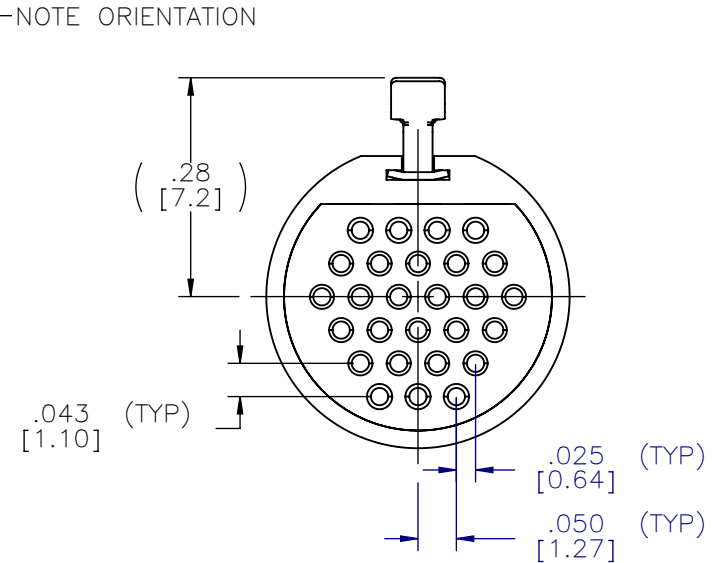
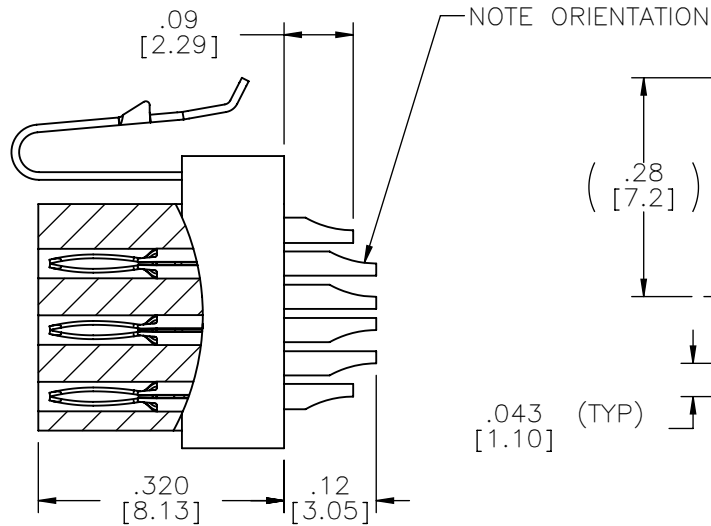
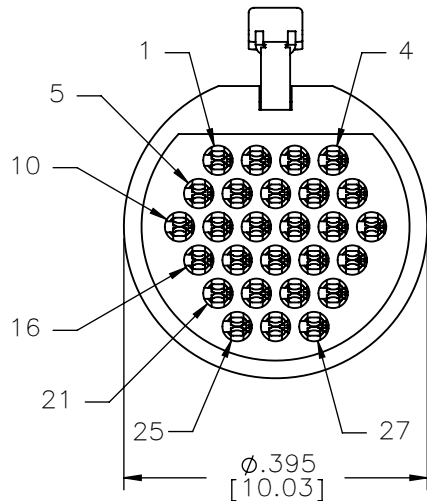
26 MILLIOHMS (65mV) MAX @ 2.5 AMPS.

PERFORMANCE:

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



ACTUAL SIZE



REF: OMNETICS

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. TEP	DATE 10-24-07
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. A22031-001	
SHEET 1 OF 1	REV C
SCALE: 4:1	