

MATERIALS & SPECIFICATIONS

INSULATOR:
LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138.

CONTACT:
COPPER ALLOY PER MIL-DTL-83513. GOLD PLATE PER ASTM B488,
(HARD GOLD) TYPE II CODE C, CLASS 1.27

TERMINATION:
26 AWG (7-34) TYPE E PER NEMA HP3, COLOR CODED PER TABLE.

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

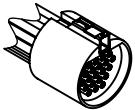
CURRENT CAPACITY:
3 AMP MAX.

CONTACT RESISTANCE:
26 MILLIOHMS (65mV) MAX @ 2.5 AMPS.

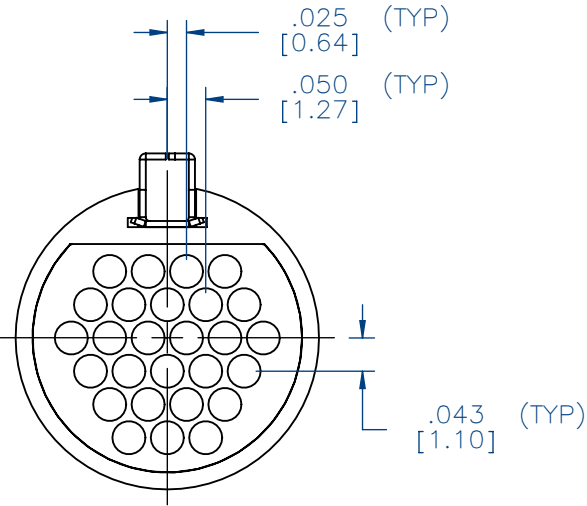
PERFORMANCE:
PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE
SPECIFICATIONS OF TABLE VII OF MIL-DTL-83513.

PART NO.	A22024-001	REV	ECO	DATE	APP
		C	96877	07-13-10	TLM

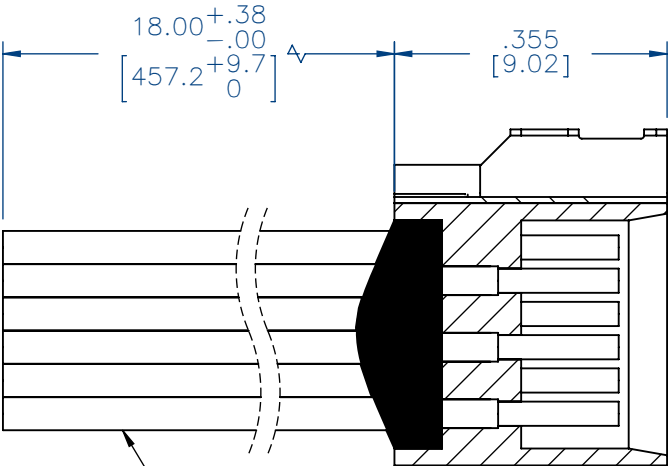
SOCKET #	COLOR
1, 11, 21	BLACK
2, 12, 22	BROWN
3, 13, 23	RED
4, 14, 24	ORANGE
5, 15, 25	YELLOW
6, 16, 26	GREEN
7, 17, 27	BLUE
8, 18	VIOLET
9, 19	GRAY
10, 20	WHITE



ACTUAL SIZE
EXCLUDING
WIRE LENGTH

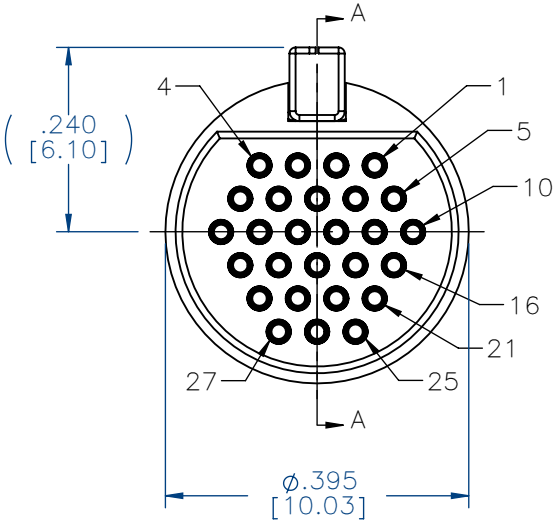


LOADING VIEW
LESS EPOXY



26 AWG (7-34)
PTFE, COLOR CODED

SECTION A-A



REF: OMNETICS

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MC-27S

MCS	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. PER	DATE	TITLE: (27) SOCKET FEMALE MICRO CIRCULAR CONNECTOR W/ LATCH	
CHK'D.	DATE		
APP'D.	DATE		

OMNETICS

CONNECTOR CORPORATION

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MINNEAPOLIS, MN 55432
WWW.OMNETICS.COM

CAGE CODE 61873	
DWG NO. A22024-001	
SHEET 1 OF 1	REV C
SCALE: 4:1	