

MATERIALS & SPECIFICATIONS

INSULATOR:

LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138.

CONTACT:

COPPER ALLOY PER MIL-DTL-83513. GOLD PLATED 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:

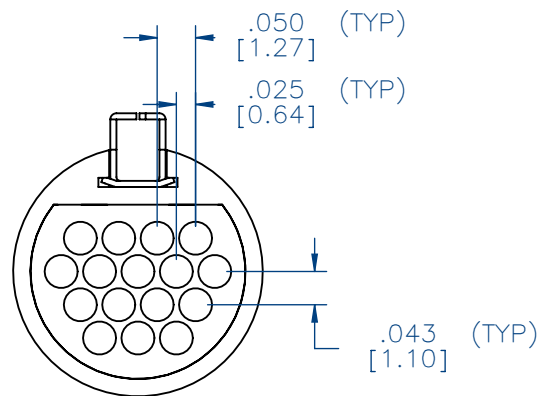
3 AMP MAX.

CONTACT RESISTANCE:

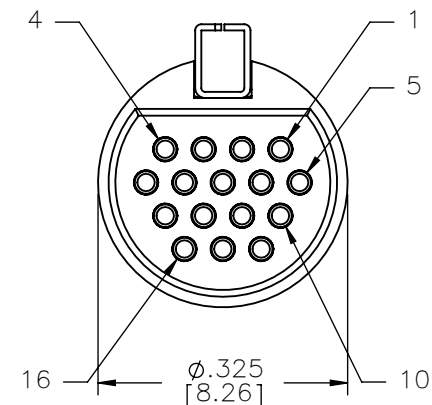
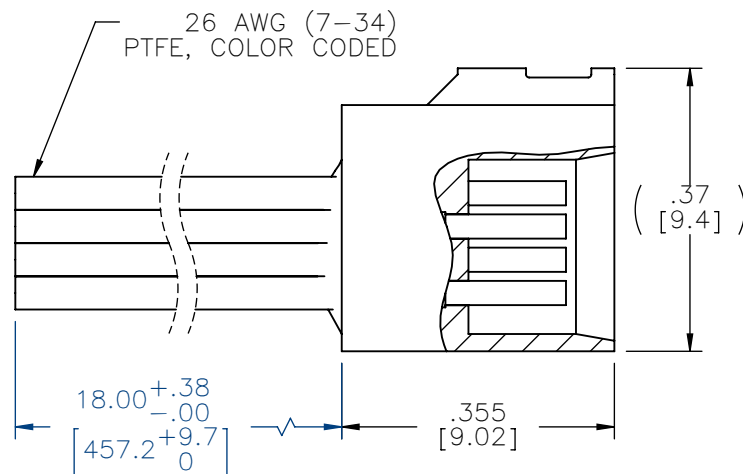
26 MILLIOHMS (65mV) MAX @ 2.5 AMPS.

PERFORMANCE:

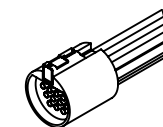
PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE SPECIFICATIONS OF TABLE VII OF MIL-DTL-83513.



LOADING VIEW
LESS EPOXY



ACTUAL SIZE
EXCLUDING WIRE LENGTH



PIN #	COLOR	PIN#	COLOR
1	BLACK	9	GRAY
2	BROWN	10	WHITE
3	RED	11	WHT/BLK
4	ORANGE	12	WHT/BRN
5	YELLOW	13	WHT/RED
6	GREEN	14	WHT/ORN
7	BLUE	15	WHT/YEL
8	VIOLET	16	WHT/GRN

REF: OMNETICS

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. TLM	DATE 04-11-08
CHK'D.	DATE
APP'D.	DATE
TITLE: (16) SOCKET FEMALE MICRO CIRCULAR CONNECTOR W/ LATCH	

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CAGE CODE 61873	REV B
DWG NO. A22041-001	
SHEET 1 OF 1	
SCALE: 4:1	