

MATERIALS & SPECIFICATIONS

PART NO.	A22035-001	REV	ECO	DATE	APP
		C	106386	05-03-2020	TLM

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.

CURRENT CAPACITY:

3 AMP MAX.

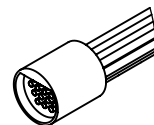
CONTACT RESISTANCE:

26 MILLIOHMS (65mV) MAX @ 2.5 AMPS.

PERFORMANCE:

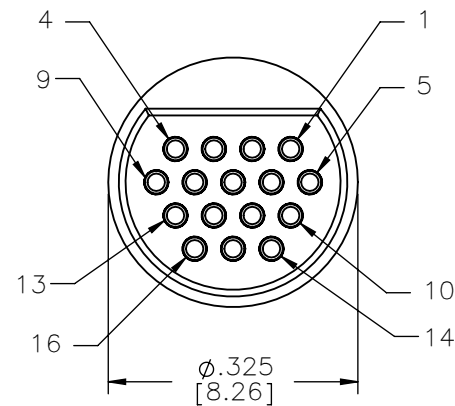
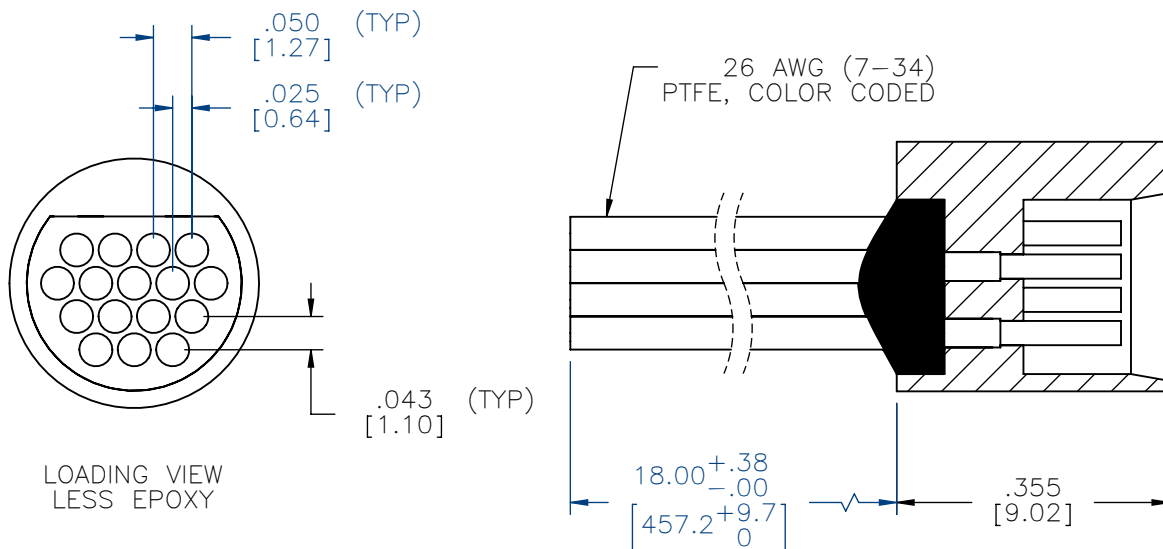
PRODUCT FAMILY TESTED TO AND PASSED THE PERFORMANCE SPECIFICATIONS OF TABLE VII OF MIL-DTL-83513.

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



ACTUAL SIZE
EXCLUDING WIRE LENGTH

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MC-16S-1



REF: OMNETICS

MCS	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. TLM	DATE 01-04-08
CHK'D.	DATE
APP'D.	DATE

TITLE:
(16) SOCKET FEMALE
MICRO CIRCULAR
CONNECTOR

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

CAGE CODE 61873	REV
DWG NO. A22035-001	C
SHEET 1 OF 1	
SCALE: 4:1	