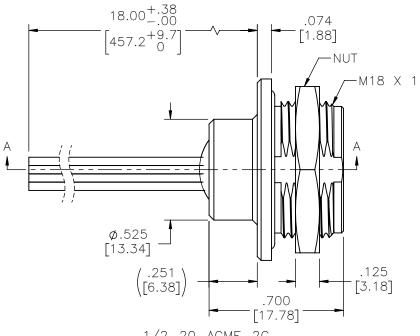
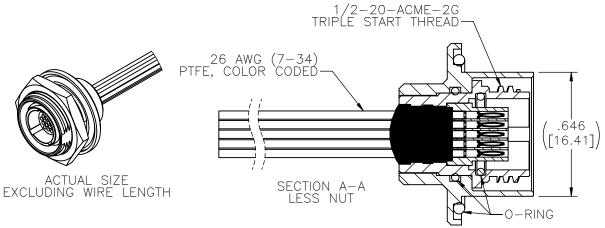
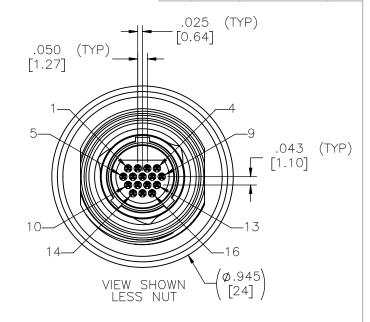
PART NO.	A22510-001	REV	ECO	DATE	APP
		B	110008	06-08-23	BAS

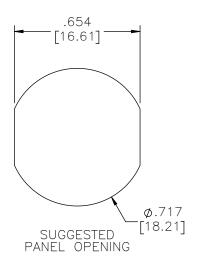
PIN #	COLOR			
1	BLACK			
2	BROWN			
3	RED			
4	ORANGE			
5	YELLOW			
6	GREEN			
7	BLUE			
8	VIOLET			
9	GRAY			
10	WHITE			
11	WHT/BLACK			
12	WHT/BROWN			
13	WHT/RED			
14	WHT/ORANGE			
15	WHT/YELLOW			
16	WHT/GREEN			

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









**IP68** 

## NOTES:

1. DIMENSIONS IN [ ] ARE IN MILLIMETERS UNLESS OTHERWISE NOTED AND ARE FOR REFERENCE ONLY

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DFTM. WLE

(16) PIN MALE MICRO TRIPLE THREAD, KEYED 05-01-15 SEALED CIRCULAR CONNECTOR

8840 EVERGREEN BLVD. MINNEAPOLIS, MN 55433 WWW.OMNÉTICS.COM

DWG NO. CAGE CODE 61873

A22510-001

SHEET 1 OF 2 SCALE: 2:1 REV B

PART NO.	A22510-001	REV	ECO	DATE	APP
		В	110008	06-08-23	BAS

## MATERIAL SPECIFICATIONS:

**INSULATOR** THERMOPLASTIC PER MIL-M-24519

CONTACT MATERIAL PINS - BERYLLIUM COPPER PER ASTM B194, ALLOY C17200

CONTACT FINISH GOLD PLATE PER ASTM B488, TYPE II (HARD GOLD), CODE C, CLASS 1.27 (.000050)

WIRE 26 AWG (7-34) TYPE E PER NEMA HP3, COLOR CODED

SHELL & NUT ALUMINUM ALLOY

SHELL & NUT FINISH ELECTROLESS NICKEL PER SAE-AMS-2404

0-RING BUNA-N

## **ELECTRICAL SPECIFICATIONS:**

CURRENT RATING 3 AMPS PER MIL-DTL-83513

CONTACT RESISTANCE 26 MILLIOHM MAX (65MV DROP MAX) @ 2.5 AMPS PER MIL-DTL-83513

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

SEALING PERFORMANCE IP68 WHEN MATED WITH ANOTHER IP68 RATED CONNECTOR

D	THIRD ANGLE⊕ ←	THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION WHICH
$\leq$	-TOLERANCES-	THE PROPERTY OF OMNETICS CONNECTOR CORP. THIS DOCUMENT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR DISCLOSED FOR ANY PURPOSE,
<u>.</u>	UNLESS OTHERWISE NOTED	WITHOUT WRITTEN PERMISSION FROM OMNETICS CONNECTOR CORP.
U	DIMENSIONS IN INCHES	TITLE: 40 pp. 144 pp. 2
-	2 PL DEC± .01	(16) PIN MALE MICRO
_)	2 PL DEC± .01 3 PL DEC± .005	DFTM. WLE TRIPLE THREAD, KEYED
0	4 PL DEC± .0005	DATE
≷	4 PL DEC ± .0005 ANGLES ± 1°	05-01-15 SEALED CIRCULAR CONNECTOR

(16) PIN MALE MICRO 8840 EVERGREEN BLVD. TRIPLE THREAD, KEYED MINNEAPOLIS, MN 55433 05-01-15 SEALED CIRCULAR CONNECTOR WWW.OMNETICS.COM

ETICS DWG NO. CAGE CODE 61873 A22510-001

> SHEET SCALE: 2:1 REV B 2 OF 2