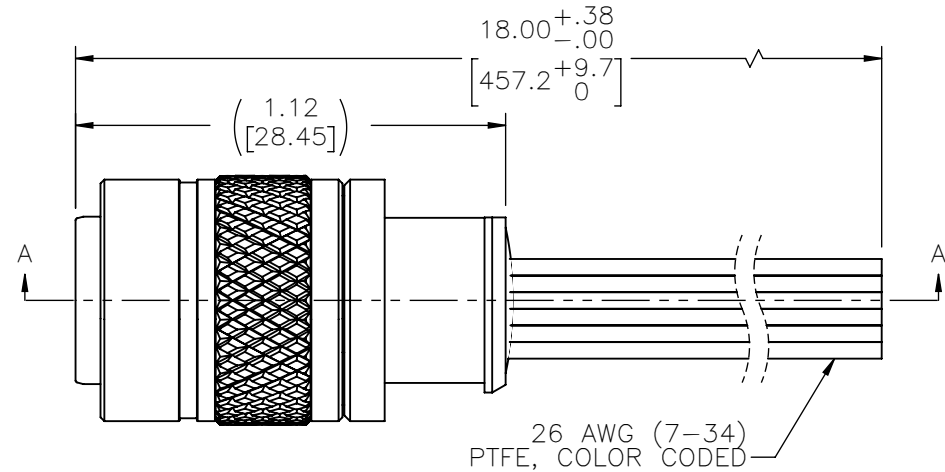
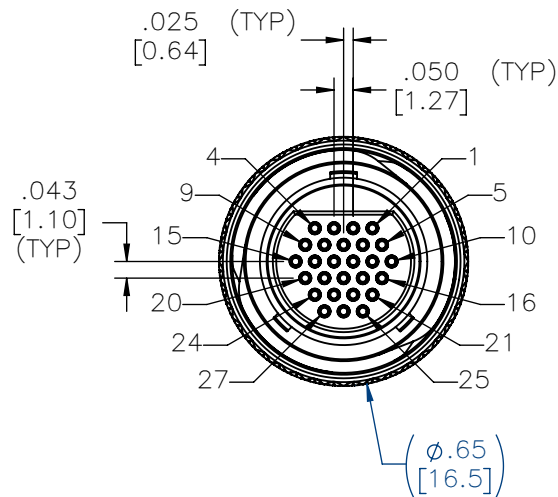
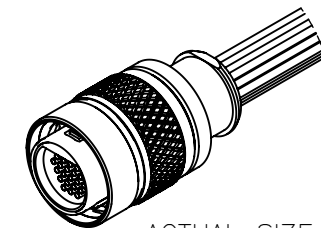
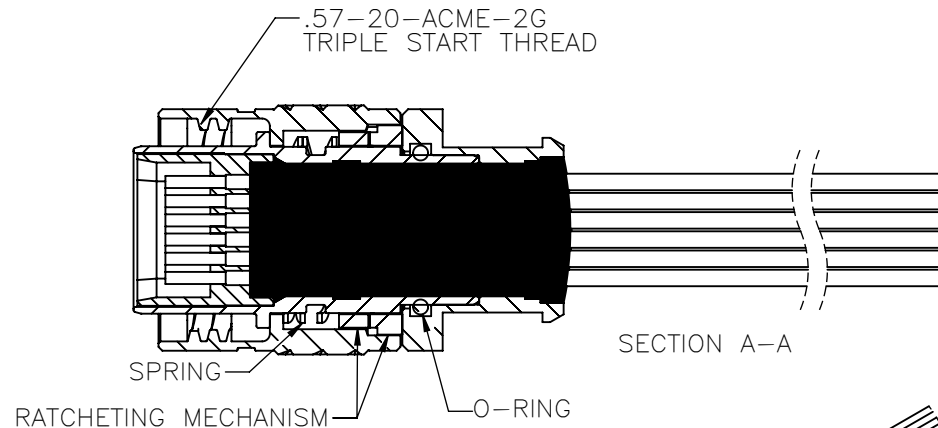




SOCKET #	COLOR	SOCKET #	COLOR
1	BLACK	15	WHT/YELLOW
2	BROWN	16	WHT/GREEN
3	RED	17	WHT/BLUE
4	ORANGE	18	WHT/VIOLET
5	YELLOW	19	WHT/GRAY
6	GREEN	20	WHT/BLK/BRN
7	BLUE	21	WHT/BLK/RED
8	VIOLET	22	WHT/BLK/ORG
9	GRAY	23	WHT/BLK/YEL
10	WHITE	24	WHT/BLK/GRN
11	WHT/BLACK	25	WHT/BLK/BLU
12	WHT/BROWN	26	WHT/BLK/VIO
13	WHT/RED	27	WHT/BLK/GRY
14	WHT/ORANGE		

INTERNAL USE ONLY
USE MFG LOADING
PROCEDURE MC-27S-1



ACTUAL SIZE
EXCLUDING WIRE LENGTH

NOTES:

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

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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TITLE:
DFTM. WLE
DATE
02-09-16

(27) SOCKET FEMALE MICRO
TRIPLE THREAD, KEYED
CIRCULAR CONNECTOR

OMNETICS
CONNECTOR CORPORATION
8840 EVERGREEN BLVD.
MINNEAPOLIS, MN 55433
WWW.OMNETICS.COM

DWG NO.	CAGE CODE	61873
		A22511-001
SHEET 1 OF 2	SCALE: 2:1	REV B

PART NO.	A22511-001	REV	ECO	DATE	APP
		B	110008	06-08-23	BAS

MATERIAL SPECIFICATIONS:

INSULATOR
THERMOPLASTIC PER MIL-M-24519

CONTACT MATERIAL
SOCKET - COPPER ALLOY PER MIL-DTL-83513

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

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

SHELLS
ALUMINUM ALLOY

SHELL FINISH
ELECTROLESS NICKEL PER SAE-AMS-2404

O-RING
BUNA-N

RATCHETING MECHANISM
PEEK

SPRING
STAINLESS STEEL

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

RMCS SLDW	THIRD ANGLE 	THIS DRAWING CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF OMNETICS CONNECTOR CORP. THIS DOCUMENT MAY NOT, IN WHOLE OR IN PART, BE DUPLICATED, OR DISCLOSED FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION FROM OMNETICS CONNECTOR CORP.		DWG NO. CAGE CODE 61873		
	-TOLERANCES-			A22511-001		
	UNLESS OTHERWISE NOTED					
	DIMENSIONS IN INCHES					
	2 PL DEC $\pm .01$ 3 PL DEC $\pm .005$ 4 PL DEC $\pm .0005$ ANGLES $\pm 1^\circ$					
	TITLE: (27) SOCKET FEMALE MICRO					
DFTM. WLE						
DATE 02-09-16						
			8840 EVERGREEN BLVD. MINNEAPOLIS, MN 55433 WWW.OMNETICS.COM			
			SHEET 2 OF 2			
			SCALE: 2:1		REV B	