

PART NO.	A99150-512	REV	ECO	DATE	APP
		B	99774	08-12-13	JMJ

ALUMINUM 6061-T6, NICKEL PLATE
PER SAE-AMS-2404

LIQUID CRYSTAL POLYMER (LCP)
PER ASTM D5138

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

NEMA HP3 TYPE E, COLOR CODED
IAW MIL-STD-681, SYSTEM 1,
USING TEN SOLID REPEATING
COLORS

SILICONE RUBBER PER A-A-59588

Technical drawing of the OMNETICS YYWW connector, showing side and end views with dimensions in inches and millimeters.

Side View Dimensions:

- Overall Height: $18.00^{+.38}_{-.00}$ [457.2^{+9.7}₀]
- Base Thickness: $.288$ [7.32]
- Base Label: OMNETICS YYWW
- Wire Bundle Diameter: 1.440 [36.58]
- Wire Bundle Material: 26 AWG (7-34) PTFE, COLOR CODED

End View Dimensions:

- Wire Bundle Diameter: $.419$ [10.64]
- Base Diameter: $.260$ [6.60]

Technical drawing of a cross-section of a multi-layered cylindrical component, likely a fuel element. The drawing shows a central core with a grid of small circles (fuel pins) surrounded by multiple concentric layers. Key dimensions are labeled: a central gap of .050 (TYP) [1.27], a layer thickness of .025 (TYP) [0.64], a total length of 1.825 [46.36], and a diameter of 51. Callouts 26, 27, and 51 point to specific features. The text "INTERFACIAL SEAL" is also present.

ACTUAL SIZE
EXCLUDING WIRE LENGTH

RoHS

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

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	-TOLERANCES-					DWG NO.	
	UNLESS OTHERWISE NOTED					A99150-512	
	DIMENSIONS IN INCHES					SHEET 1 OF 1	
	2 PL DEC. ± .01					REV	
	3 PL DEC. ± .005	DFTM. TLM	DATE 11-09-11	TITLE: (51) SOCKET FEMALE			
	4 PL DEC. ± .0005	CHK'D.	DATE	MICRO-D CONNECTOR			
	ANGLES ± 1°	APP'D.	DATE	W/LATCHES			
						SCALE: 2:1	
						B	

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