



- 1 CONNECTOR BODY MATERIAL: 303 STAINLESS STEEL, PASSIVATED PER SAE-AMS-2700
COUPLING NUT AND BACKSHELL MATERIAL: 6061-T6 ALUMINUM, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404E
LOCKING RING MATERIAL: BERYLLIUM COPPER, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404E
INSULATOR MATERIAL: LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138 OR POLYPHENYLENE SULFIDE (PPS) PER ASTM D4067
O-RING MATERIAL: FLUOROSILICONE
- 2 WIRE TERMINATION: 28 AWG SOLID, 30 AWG STRANDED WIRE OR SMALLER
- 3 BONDING RESISTANCE BETWEEN CONNECTOR BODY AND BACKSHELL TO BE 25 MILLIOHMS MAXIMUM. BACKSHELL TO BE BONDED TO PLUG SHELL WITH CONDUCTIVE EPOXY.
- 4 LUBRICATE O-RING WITH PARKER SUPER-O-LUBE PRIOR TO INSTALLATION
- 5 THIS DRAWING ALSO IDENTIFIED AS NANONICS 303-0165

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C SCHOLL	25 JAN 10	TE Connectivity			
		CHK M STORRY	25 JAN 10				
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD —	NAME		
		0 PLC ± — 1 PLC ± — 2 PLC ± .010 3 PLC ± .005 4 PLC ± — ANGLES ± 1° FINISH		PRODUCT SPEC	PLUG ASSEMBLY, CIRCULAR, THREADED COUPLING W/ STAINLESS STEEL SHELL, STRAIGHT BACKSHELL, 19 POSITION		
				APPLICATION SPEC			
MATERIAL SEE NOTES		SEE NOTES		—	SIZE A2	CAGE CODE OPJN9	DRAWING NO C=1925115
				WEIGHT —	RESTRICTED TO —		
				CUSTOMER DRAWING	SCALE 6:1	SHEET 1 of 1	REV B

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