



- 1 CONNECTOR BODY MATERIAL: 303 STAINLESS STEEL, PASSIVATED PER SAE-AMS-2700  
COUPLING SLEEVE 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 303-0156

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C SCHOLL 22 JAN 10		 TE Connectivity							
		CHK M STORRY 22 JAN 10									
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD — —		NAME					
		0 PLC ± — 1 PLC ± — 2 PLC ± .010 3 PLC ± .005 4 PLC ± — ANGLES ± 1°		PRODUCT SPEC — —		PLUG ASSEMBLY, CIRCULAR, QUICK DISCONNECT W/ STAINLESS STEEL SHELL, STRAIGHT BACKSHELL, 19 POSITION					
				APPLICATION SPEC — —							
		MATERIAL SEE NOTES		FINISH SEE NOTES		WEIGHT — —		SIZE A2			
				CAGE CODE 0JPN9		DRAWING NO C=1925106		RESTRICTED TO —			
				CUSTOMER DRAWING		SCALE 6:1		SHEET 1 of 1		REV B	