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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	PRODUCTION RELEASE PER ECO-13-014747		9-18-13	CT	RL	

Top view of the connector body showing 8 positions and various radii:

- R1 (0°)
- R2 (45°)
- R3 (90°)
- R4 (135°)
- R5 (180°)
- R6 (225°)
- R7 (270°)
- R8 (315°)

Other features include: 45° TYP, KEYWAY, PAIR 1, PAIR 2, PAIR 3, PAIR 4, and a cavity marked with a triangle containing the number 4.

Side view of the coupling sleeve with dimensions:

- Overall length: .525
- Threaded section length: .30 ± .02
- Outer diameter: $\phi .30$
- Inner diameter: $\phi .215$
- Threaded section diameter: $\phi .25$

Cross-sectional view of the assembly with labels:

- O-RING SEAL
- LOCKING RING
- BACKSHELL
- COUPLING SLEEVE

Dimensions and notes:

- Backshell length: .30
- Coupling sleeve length: .30
- Locking ring thickness: .05
- Locking ring diameter: $\phi .245$
- Locking ring length: L DIM MIN $\triangle 3$

Alternative view of the backshell showing a different orientation, with a cavity marked with a triangle containing the number 2.

1 CONNECTOR BODY, COUPLING SLEEVE, AND BACKSHELL MATERIAL:
 6061-T6 ALUMINUM, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404
 LOCKING RING MATERIAL: BERYLLIUM COPPER, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404
 INSULATOR MATERIAL: LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138
 O-RING MATERIAL: FLUOROSILICONE PER SAE-AMS-R-25988

$\triangle 2$ TERMINATED WITH MADISON CABLE 30 AWG 10G TURBO TWIN PAIR
 $\triangle 3$ CABLE LENGTH IS AS INDICATED IN THE CORRESPONDING NANONICS PART NUMBER
 $\triangle 4$ CAVITY POSITIONS ARE SHOWN FOR REFERENCE ONLY AND ARE NOT MARKED ON THE PART

5 LUBRICATE O-RING WITH PARKER SUPER-O-LUBE PRIOR TO INSTALLATION
 6 BACKSHELL MAY BE ORIENTED IN THE EIGHT DIRECTIONS SHOWN (R1 THROUGH R8). R5 IS STANDARD. THE BACKSHELL CODE AT THE END OF THE NANONICS PART NUMBER SHALL INDICATE BACKSHELL ORIENTATION.
 7 BONDING RESISTANCE OF CONNECTOR BODY TO BACKSHELL SHALL BE 25 MILLIOHMS MAXIMUM
 8 REFERENCE TE PRODUCT SPECIFICATION 108-32048 FOR PRODUCT DETAILS AND PERFORMANCE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	M STORRY	2 AUG 2012		TE Connectivity																	
DIMENSIONS: INCHES		CHK	M STORRY	2 AUG 2012		NAME																	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M STORRY	2 AUG 2012		PLUG ASSEMBLY, CIRCULAR, QUICK DISCONNECT, RIGHT ANGLE BACKSHELL, METAL, 8 POSITION, 10GbE, CeeLok FAS-T Nano Circular																	
<table border="1"> <tr><td>0 PLC</td><td>±</td><td>-</td></tr> <tr><td>1 PLC</td><td>±</td><td>-</td></tr> <tr><td>2 PLC</td><td>±</td><td>.010</td></tr> <tr><td>3 PLC</td><td>±</td><td>.005</td></tr> <tr><td>4 PLC</td><td>±</td><td>-</td></tr> <tr><td>ANGLES</td><td>±</td><td>1°</td></tr> </table>		0 PLC	±	-		1 PLC	±	-	2 PLC	±	.010	3 PLC	±	.005	4 PLC	±	-	ANGLES	±	1°	PRODUCT SPEC	-	
0 PLC	±	-																					
1 PLC	±	-																					
2 PLC	±	.010																					
3 PLC	±	.005																					
4 PLC	±	-																					
ANGLES	±	1°																					
MATERIAL		APPLICATION SPEC	-			SIZE	A2																
SEE NOTES		WEIGHT	-			CAGE CODE	0JPN9																
SEE NOTES		CUSTOMER DRAWING	-			DRAWING NO	C=1925250																
		SCALE	5:1			SHEET	1 of 1																
		REV	A			RESTRICTED TO	-																

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