

4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

REVISONS		DATE	DWN	APVD
P	LTR			
B		28 JUN 11	CAS	MKS

The drawing shows a circular plug assembly with the following features and dimensions:

- Views:** Front view (left), side view (middle), and backshell view (right).
- Dimensions:**
  - Overall diameter:  $\phi .355 \pm .010$
  - Inner diameter:  $\phi .215$
  - Wire diameter:  $\phi .245$
  - Threaded section length:  $.30$
  - Backshell length:  $.30$
  - Keyway width:  $.05$
  - Wire length: SPECIFIED IN NANONICS PART NUMBER
- Angles:**
  - $R1 (0^\circ)$ ,  $R2 (45^\circ)$ ,  $R3 (90^\circ)$ ,  $R4 (135^\circ)$ ,  $R5 (180^\circ)$ ,  $R6 (225^\circ)$ ,  $R7 (270^\circ)$ ,  $R8 (315^\circ)$
  - $45^\circ$  TYP
- Labels:** KEYWAY, O-RING SEAL, COUPLING NUT, POSITION 1, POSITION 4, POSITION 8, POSITION 13, POSITION 17.

- CONNECTOR BODY, COUPLING NUT & BACKSHELL MATERIAL: 6061-T6 ALUMINUM, ELECTROLESS NICKEL PLATE PER SAE-AMS-C-26074 OR AMS 2404E  
 LOCKING RING MATERIAL: BERYLLIUM COPPER, ELECTROLESS NICKEL PLATE PER SAE-AMS-C-26074 OR AMS 2404E  
 INSULATOR MATERIAL: LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138 OR POLYPHENYLENE SULFIDE (PPS) PER ASTM D4067  
 O-RING MATERIAL: FLUOROSILICONE
- WIRE TERMINATION: 28AWG SOLID, 30AWG STRANDED WIRE OR SMALLER.
- BONDING RESISTANCE BETWEEN CONNECTOR BODY AND BACKSHELL TO BE 25 MILLIOHMS MAXIMUM. BACKSHELL TO BE BONDED TO PLUG SHELL WITH CONDUCTIVE EPOXY.
- LUBRICATE O-RING WITH PARKER SUPER-O-LUBE PRIOR TO INSTALLATION
- BACKSHELL MAY BE ORIENTED IN THE EIGHT DIRECTIONS SHOWN (R1 THRU R8). POSITION R5 IS CONSIDERED STANDARD. THE BACKSHELL CODE AT THE END OF THE NANONICS PART NUMBER SHALL INDICATE BACKSHELL ORIENTATION.
- THIS DRAWING ALSO IDENTIFIED AS NANONICS 303-0138

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D. MORALES 23OCT08	TE Connectivity																		
DIMENSIONS: INCHES		CHK M. STORRY 23OCT08	NAME																		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	PRODUCT SPEC																		
<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>10°</td></tr> </table>		0 PLC	±	-	1 PLC	±	-	2 PLC	±	.010	3 PLC	±	.005	4 PLC	±	-	ANGLES	±	10°	APPLICATION SPEC	
0 PLC	±	-																			
1 PLC	±	-																			
2 PLC	±	.010																			
3 PLC	±	.005																			
4 PLC	±	-																			
ANGLES	±	10°																			
MATERIAL SEE NOTES		WEIGHT -	SIZE A2																		
FINISH SEE NOTES		CAGE CODE 0PJN9		DRAWING NO 1925030																	
CUSTOMER DRAWING		SCALE 5:1		SHEET 1 of 1																	
		REV B		RESTRICTED TO -																	

1471-9 (3/11) Downloaded From [Onevac.com](http://Onevac.com)

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)