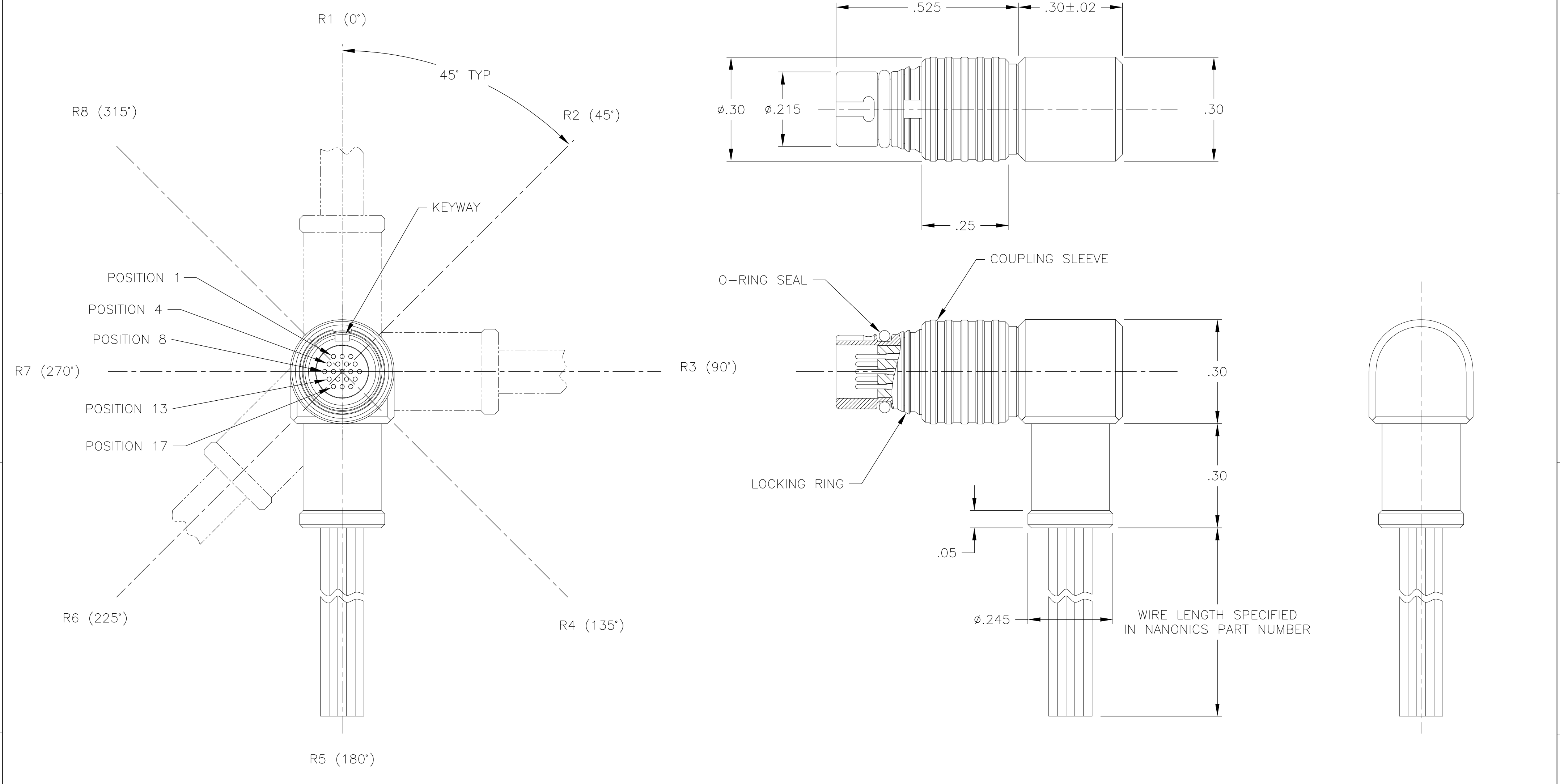




- CONNECTOR BODY MATERIAL: 303 STAINLESS STEEL, PASSIVATED PER SAE-AMS-2700  
COUPLING SLEEVE AND BACKSHELL MATERIAL: 6061-T6 ALUMINUM, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404E  
LOCKING RING MATERIAL: BERYLLIUM COPPER, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404E  
INSULATOR MATERIAL: LIQUID CRYSTAL POLYMER (LCP) PER ASTM D5138 OR POLYPHENYLENE SULFIDE (PPS) PER ASTM D4067  
O-RING MATERIAL: FLUOROSILICONE
- WIRE TERMINATION: 28 AWG SOLID, 30 AWG 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 303-0159

|                                        |  |                               |                 |                    |                         |                    |
|----------------------------------------|--|-------------------------------|-----------------|--------------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>C SCHOLL<br>22 JAN 10  | TE Connectivity |                    |                         |                    |
| DIMENSIONS:<br>INCHES                  |  | CHK<br>M. STORRY<br>22 JAN 10 |                 |                    |                         |                    |
|                                        |  | APVD<br>—                     | NAME            |                    |                         |                    |
|                                        |  | PRODUCT SPEC                  |                 |                    |                         |                    |
|                                        |  | APPLICATION SPEC              |                 |                    |                         |                    |
|                                        |  | —                             |                 |                    |                         |                    |
| MATERIAL<br>SEE NOTES                  |  | WEIGHT<br>—                   | SIZE<br>A2      | CAGE CODE<br>0PJN9 | DRAWING NO<br>C=1925109 | RESTRICTED TO<br>— |
| FINISH<br>SEE NOTES                    |  | CUSTOMER DRAWING              |                 | SCALE<br>5:1       | SHEET<br>1 of 1         | REV<br>B           |