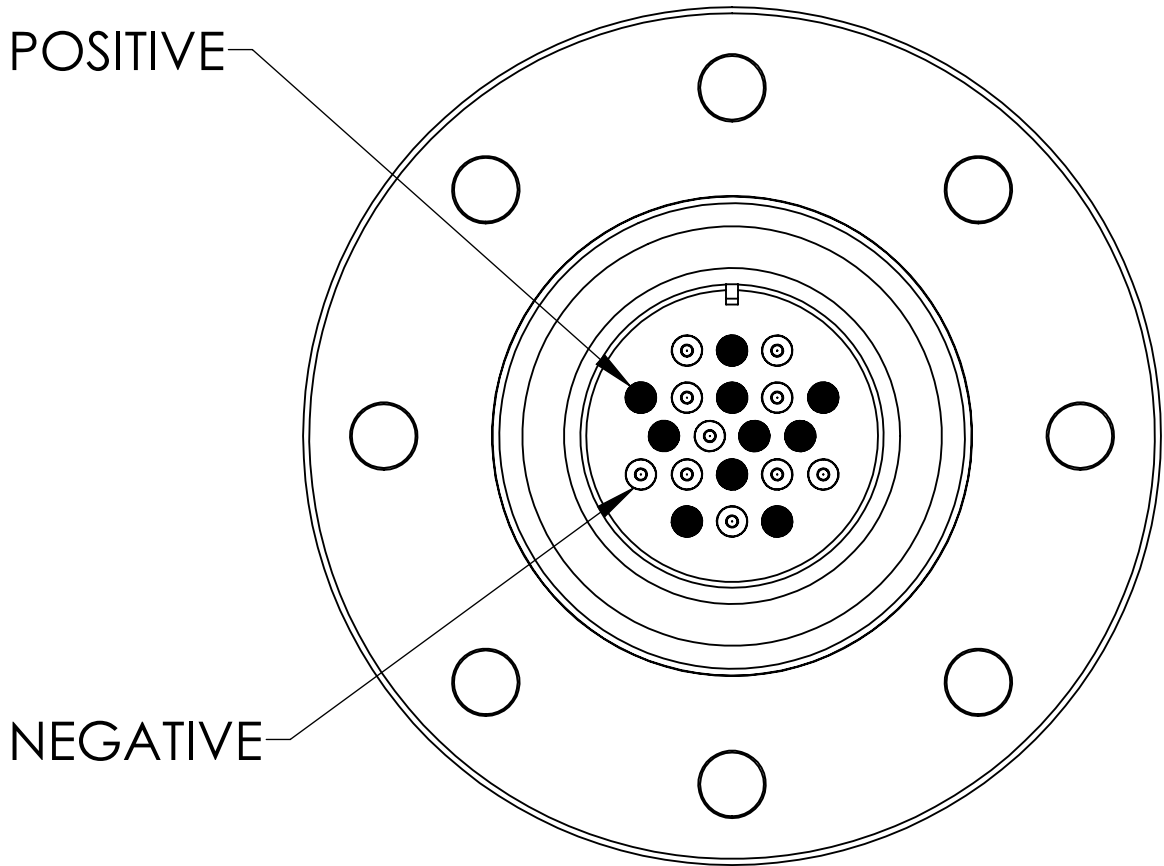
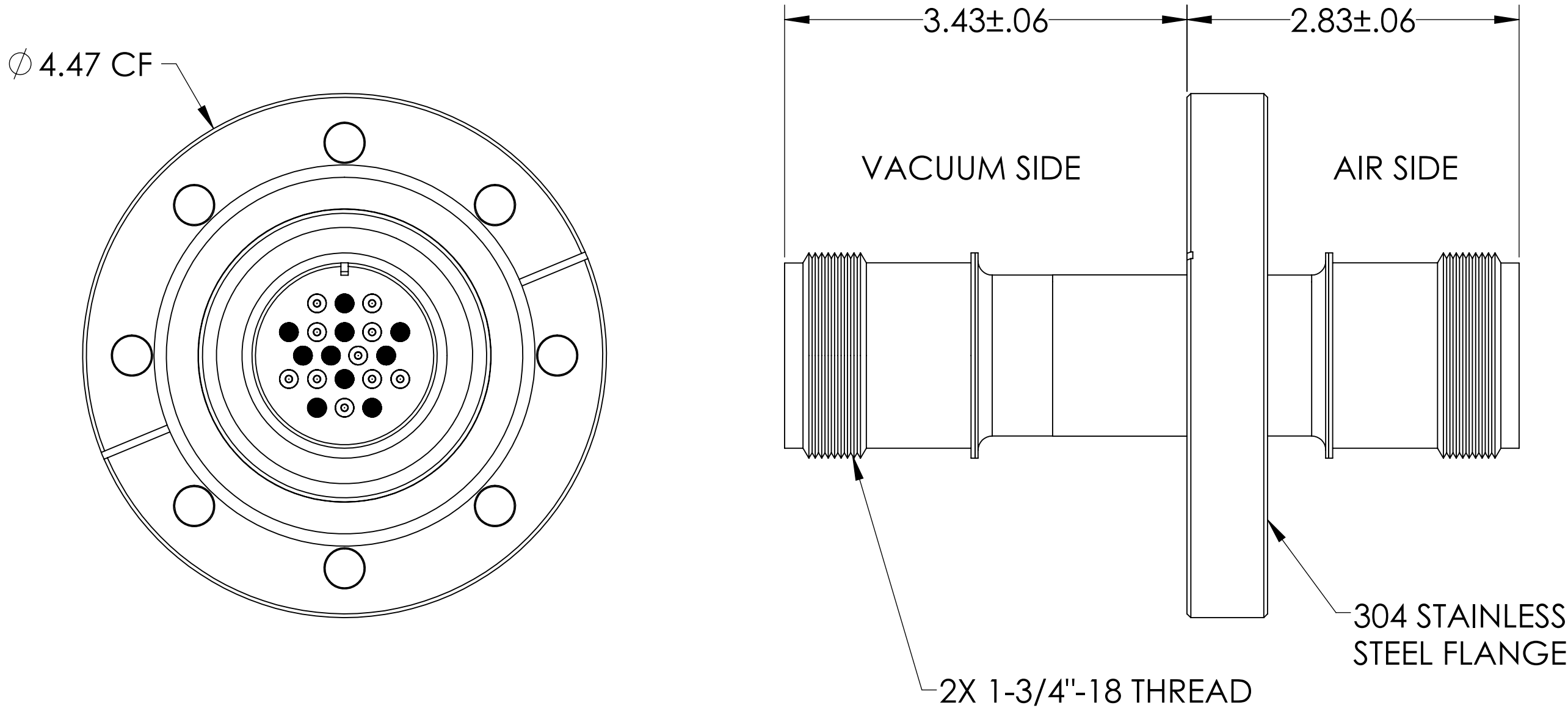
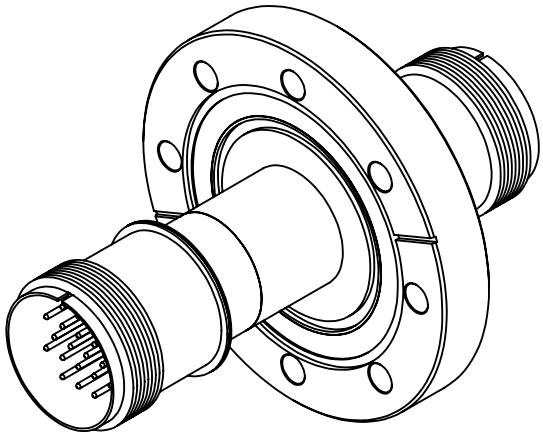
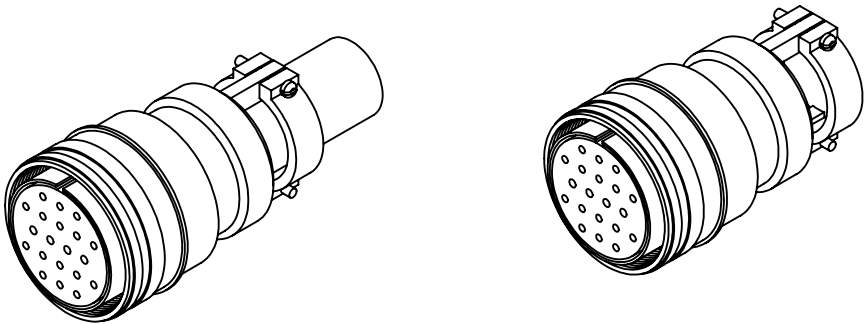


NOTES:  
\* TYPE K:  
ALUMEL CONDUCTORS HAVE A NEGATIVE POLARITY ( MAGNETIC ).  
CHROMEL CONDUCTORS HAVE A POSITIVE POLARITY ( NON - MAGNETIC ).  
\* TYPE J:  
CONSTANTAN CONDUCTORS HAVE A NEGATIVE POLARITY ( NON - MAGNETIC ).  
IRON CONDUCTORS HAVE A POSITIVE POLARITY ( MAGNETIC ).  
\* TYPE E:  
CONSTANTAN CONDUCTORS HAVE A NEGATIVE POLARITY ( NON - MAGNETIC ).  
CHROMEL CONDUCTORS HAVE A POSITIVE POLARITY ( NON - MAGNETIC ).



AIR-SIDE CONNECTOR

VACUUM-SIDE CONNECTOR

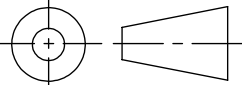



| PART #     | T/C TYPE |
|------------|----------|
| A1325-1-CF | E        |
| A1325-2-CF | J        |
| A1325-3-CF | K        |

SPECIFICATIONS:

- TEMPERATURE RATING: -100 TO 450°C
- LEAK RATE < 1X10-9 ATM CC/SEC HE

MS Series, Thermocouple Feedthrough, 10 Pairs, Double-Ended, w/ Air & Vacuum-side Connectors, 4.50" Conflat Flange

|   |                             |   |  |           |  |
|---|-----------------------------|---|--|-----------|--|
| UNLESS OTHERWISE SPECIFIED:   |                             | QUOTATION #   |  | N/A       |  |
| DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br><br>ANGULAR: MACH ± 1/2°<br>TWO PLACE DECIMAL ± .030<br>THREE PLACE DECIMAL ± .015 |                             |   | NAME   | DATE      | MPF PRODUCTS INC.  |
|   |                             | DRAWN   | WJ   | 9/11/2015 |  |
|   |                             | CHECKED   |  | 9/11/2015 |  |
|   |                             | ENG APPR.   | WJ   | 9/11/2015 |  |
| MATERIAL  |                             | THIRD ANGLE:  |  |           | TITLE:<br><br>THERMOCOUPLE, 10 PAIRS,<br>MS CONNECTOR,<br>DOUBLE ENDED, 450CF<br><br>DOWNLOADED FROM MPFPI.COM |
|   |                             |  |  |           |  |
|   |                             | APPLICATION   |  |           |  |
|   |                             | NEXT ASSY   |  | USED ON   |  |
|   |                             |   |  |           |  |
| FINISH  | SURFACE FINISH:             |   |  63 OR BETTER |           | DWG. NO.   |
| PLATING   | UNLESS OTHERWISE SPECIFIED: |   | A1325  |           | REV  |
|   |                             | ALL DIAMETERS CONCENTRIC WITHIN .005.<br>REMOVE ALL BURRS AND SHARP EDGES             |  |           | Friday, February 8, 2019 11:58:15 AM   |