



**NOTES:**

1. HE LEAK TEST @ 1 ATM. 1X10<sup>-8</sup> CC/SEC OR LESS WITH A -033 NITRILE O-RING. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE OF THE EPOXY INDICATES THE PART HAS PASSED THE TEST.
2. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .5 [12.7] SEAL DIAMETER:  $\phi$ .035 [.89] MAX ALLOWED VOID SIZE  
 > .5 [12.7] SEAL DIAMETER:  $\phi$ .060 [1.5] MAX ALLOWED VOID SIZE
6. REF-OPERATING TEMPERATURE -20°C TO 125°C.
7. DIMENSIONS ARE INCHES [millimeters].

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ±0.5  
 X.X DECIMAL ±0.1 X.XX DECIMAL ±0.02 X.XXX DECIMAL ±0.005  
 ANGLES ±1 DEGREE SURFACE FINISH 128 microinch RMS

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| ITEM | QTY | PART NUMBER   | DESCRIPTION |
|------|-----|---------------|-------------|
| 2    | 2   | FLEX5188      | FLEX CABLE  |
| 1    | A/R | PAVE-Seal 150 | EPOXY BLACK |

|                                       |                   |
|---------------------------------------|-------------------|
| DESCRIPTION<br>SP45/8-E-2-FLEX-3.5-13 |                   |
| PART NUMBER<br><b>5188</b>            | MATERIAL NOTED    |
| REVISION LEVEL<br>-                   | PROJECTION<br>☉ ◻ |