



- NOTES:
- HE LEAK TEST @1 ATM.  $10 \times 10^{-8}$  CC/S OR LESS AFTER THERMAL CYCLE. (TEST WITH -223 VITON O-RING)
  - THERMAL CYCLE -60°C TO 75°C WITH 30 MINUTE HOLD AT TEMP FOR 10 CYCLES.
  - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
  - ALL PARTS MUST PASS ALL TESTS.
  - CAUTION: DO NOT EXCEED MINIMUM BEND RADII:
    - A. INDIVIDUAL UNSUPPORTED FIBERS: 0.5 RADIUS
    - B. JACKETED OR MULTIPLE FIBERS: 3.0 RADIUS
  - OPTICAL: NO ST TERMINATED OPTICAL FIBER SHALL MEASURE MORE THAN 0.2 dB LOSS @ 1300nm IN BOTH DIRECTIONS.
  - BAG & TAG IAW MIL-STD-130. PART NUMBER, AND SERIAL NUMBER WITH 0.12 MINIMUM HIGH CHARACTERS.

$\pm 0.10$   
0.50  
THIS AREA TO BE FREE OF EPOXY BOTH SIDES.

| PAVE#  | X               | Y               |
|--------|-----------------|-----------------|
| 1442   | 338.0 $\pm 6.0$ | 278.0 $\pm 6.0$ |
| 1442-1 | 372.0 $\pm 6.0$ | 492.0 $\pm 6.0$ |

| ITEM | QTY | PART#         | DESCRIPTION                 |
|------|-----|---------------|-----------------------------|
| 5    | 8   | -             | OPTIONAL DUST CAP           |
| 4    | 8   | AMP #501380-6 | ST CONNECTOR                |
| 3    | 4   | 2003700-103   | CABLE FIBER OPTIC           |
| 2    | A/R | PAVE-Seal 150 | EPOXY BLACK                 |
| 1    | 1   | 3020824-001   | HOUSING $\phi 80$ mm FLANGE |

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

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DESCRIPTION  
**FL80-SS-150-4-MMFO-X-Y**  
 PART NUMBER \*SEE TABLE  
**1442\***  
 REVISION LEVEL  
**D**  
 PROJECTION