



- NOTES:
- HE LEAK TEST @ 1 ATM 10×10^{-8} CC/SEC OR LESS. QUALIFICATION ONLY: HE LEAK TEST @50 PSIA 10×10^{-5} CC/SEC AT -40 °C, 25 °C, AND 85 °C. PART IS BI-DIRECTIONAL, VACUUM OR 50 PSIA.
 - HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING.
 - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 - ALL PARTS MUST PASS ALL TESTS.
 - NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
 - REF-OPERATING TEMPERATURE -40 °C TO 85 °C.
 - BAG AND TAG INDIVIDUALLY WITH CAGE CODES: "FLIR 64869-4102988 Rev 3" AND "PAVE 67744-3139 Rev N".
 - STORAGE TEMPERATURE -57 °C TO 85 °C.
 - INSPECT ITEM 5 WITH FLIR INSPECTION TOOL #4110383 PRIOR TO INSTALLATION, REJECT ALL INSPECTION FAILURES.
 - DIMENSIONS ARE INCHES [millimeters].

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|------|-----|-----------------|---|
| 5 | 6 | 4933-0-15-15-42 | PIN .04 MILL-MAX BERYLLIUM COPPER MILLMAX#4933-0-15-15-42-27-34-0 |
| 4 | 1 | -020 BUTYL 75 | O-RING BUTYL 75 |
| 3 | A/R | BRAYCOTE 601EF | LUBRICANT O-RING PERFLUOROPOLYETHER |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 3157 | HOUSING ALUMINUM 2 X .4 X .2 |

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DESCRIPTION
 FL-AL-150-6-18-PIN-SOC

PART NUMBER
3139

MATERIAL NOTED

REVISION LEVEL
 N

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
 UNLESS SPECIFIED OTHERWISE: NONE ±0.5
 MIL-A-8625 TYPE II CLASS 1
 ANGLES ±1 DEGREE SURFACE FINISH 128 MICROINCH RMS