



NOTES:

1. LEAK TEST: 500 PSI, NO BUBBLES 30 SECONDS MINIMUM.
2. QUALIFICATION ONLY: HE LEAK TEST VACUUM 10×10^{-9} CC/SEC OR LESS.
3. FOR LEAK TESTING: O-RING IS TO BE LUBRICATED WITH ALCOHOL & SHIPPED DRY.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. REF-OPERATING TEMPERATURE -40°C TO 120°C (NOTE THAT THE O-RING IS RATED TO -30°C).
7. MARK "RD-5-9165-0", DATE CODE: WWYY (WEEK# & YEAR) & "3851" ON HEX FLAT(S) &/OR .730 DIAMETER.
8. DEVIATION OF THERMISTOR CHIP CENTERLINE FROM HOUSING CENTERLINE NOT TO EXCEED $\pm .020$
9. THERMISTOR & LEADS MUST BE ELECTRICALLY ISOLATED FROM THE ALUMINUM HOUSING.
10. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.
11. SHIP WITH ITEM 5 (NOT SHOWN) COVERING O-RING & THREADS.

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|-------------|------------|--------------------|----------------------------|
| 5 | 1 | 4152 | CAP PLASTIC |
| 4 | 1 | -011 HNBR | O-RING -011 HNBR 568 GREEN |
| 3 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 2 | 1 | RD-5-9166-0 | THERMISTOR SUB ASSEMBLY |
| 1 | 1 | 3872 | HOUSING SO6SW-AL |
| ITEM | QTY | PART NUMBER | DESCRIPTION |


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DESCRIPTION
SO6SW-AL-150-2-18-DELPHI-THERMISTOR

| | | |
|-------------|----------------|--|
| PART NUMBER | MATERIAL | NOTED |
| 3851 | REVISION LEVEL | C |
| | | PROJECTION  |

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