



NOTES:

1. **FOR 3590 & 3590-2 ONLY:** HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING, A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
- FOR 3590-1 ONLY:** LEAK TEST 600 PSI, NO N₂ BUBBLES 1.5 MINUTES MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. MINIMUM QUANTITY 40 OF ITEM 3 REQUIRED.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
7. COSMETIC SURFACE VOIDS SMALLER THAN Ø0.035 [0.89] ARE ACCEPTABLE.
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
9. DIMENSIONS ARE INCHES [millimeters].
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.

| PAVE# | PAVE DESCRIPTION | "X" | "Y" |
|--------|------------------------------|------------|------------|
| 3590 | VS26-SS-150-40P-KT20-48-48 | 48 [1219] | 48 [1219] |
| 3590-1 | VS26-SS-150-40P-KT20-120-120 | 120 [3048] | 120 [3048] |
| 3590-2 | VS26-SS-150-40P-KT20-72-48 | 72 [1829] | 48 [1219] |

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|------|-----|---------------|-------------------------------|
| 5 | 1 | 0185 | NUT VS26-SS |
| 4 | 1 | -226 VITON | O-RING -226 VITON 75 |
| 3 | 42 | KT20 | CABLE T/C TYPE K 20AWG TEFLON |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 1531 | HOUSING VS26-SS |

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DESCRIPTION
SEE TABLE

PART NUMBER *SEE TABLE MATERIAL NOTED

3590*

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