DESCRIPTION
1 DEGREE SURFACE FINISH 128 microinch RMS

MATERIAL
SP6-E-150-6-TZ28-X-Y

PROJECTION
1632

PART NUMBER

LEVEL
N

REVISION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE:
0.5 X.X DECIMAL
0.1 X.XX DECIMAL
0.02 X.XXX DECIMAL
0.005

ANGLES NOTED

NOTE 1: HE LEAK TEST @ 1 ATM. 1X10^-6 CC/SEC OR LESS.
FOR 1632-5 ONLY; LEAK TEST @ 4400 PSI. NO N2 BUBBLES 2 MINUTES MIN.
A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE LEAK TEST.
NOTE 2: HYPO 630 VDC 500 MEGOHMS MIN 0.01 SECOND MIN WIRE TO WIRE.
NOTE 3: ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
NOTE 4: ALL PARTS MUST PASS ALL TESTS.
NOTE 5: DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
NOTE 6: WIRE TO EXIT WITHIN \( \pm 0.06 \) MAXIMUM OVER/UNDERFILL, NOT INCLUDING MENISCUS ON WIRES
NOTE 7: COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
\(<= 0.5 \) SEAL DIAMETER: MAX ALLOWED VOID SIZE
\( >0.5 \) SEAL DIAMETER: MAX ALLOWED VOID SIZE
NOTE 8: WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE VARIABLE.
NOTE 9: DIMENSIONS ARE INCHES [millimeters].
NOTE 10: REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
NOTE 11: 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.
NOTE 12: O-RING IS INSTALLED DRY (NO ITEM 10). ISOPROPYL ALCOHOL IS USED AS LUBRICATION FOR INSTALLATION & LEAK TESTING.