



- NOTES:
1. HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS. 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 TO SHIELDS.
 3. CONTINUITY TEST ALL SHIELDS <1.0 OHM END TO END.
 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 NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
 8. REF-OPERATING TEMPERATURE RANGE -20 °C TO 150 °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.

ITEM	QTY	PART NUMBER	DESCRIPTION
4	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
3	2	-121 VITON	O-RING -121 VITON 75
2	19	10599	CABLE 2/C #22 MIL-STD-1553 TIN PLATED COPPER ETFE JACKET
1	A/R	PAVE-Seal 200	EPOXY BLACK

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DESCRIPTION
 SP20-E-200-19-TSP22-0.5M-0.5M

PART NUMBER
5112

MATERIAL NOTED

REVISION LEVEL -

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