



NOTES:

1. LEAK TEST: 7,000 PSI, NO N2 BUBBLES 30 SECONDS 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.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: Ø.035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: Ø.060 [1.5] MAX ALLOWED VOID SIZE
7. DIMENSION IS OVER-ALL-LENGTH MEASURED AT THE CORNERS OF THE PART, NOT INCLUDING RECTANGULAR BOSSES.
8. REF-PARTS ARE DEFLASHED ON PARTING LINE +.005 [0.13] MAXIMUM.
9. REF-OPERATING TEMPERATURE RANGE -20 °C TO 200 °C.
10. DIMENSIONS ARE INCHES [millimeters].
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.

ITEM	QTY	PART NUMBER	DESCRIPTION
5	1	B/U RING -010	BACK UP RING -010 SINGLE TURN PER MS28774
4	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
3	1	-010 VITON	O-RING -010 VITON 75
2	2	100690	WIRE 28 KAPTON SPC 7/#36
1	A/R	PAVE-Seal 200UL94	EPOXY BLACK

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DESCRIPTION
 SP6X-E-200UL94-2-K28-10-10

PART NUMBER
5152

MATERIAL NOTED

REVISION LEVEL -

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ±0.5
 XX DECIMAL ±0.1 X.XX DECIMAL ±0.02 X.XXX DECIMAL ±0.005
 ANGLES ±1 DEGREE SURFACE FINISH 128 microinch RMS