



NOTES:

1. LEAK TEST: 4000 PSI, NO N2 BUBBLES 5 MINUTES MINIMUM.
2. QUALIFICATION ONLY: 6000 PSI, NO N2 BUBBLES 1 MINUTE MINIMUM.
3. HYPOT 500 VDC 500 MEGOHMS MINIMUM 10 SECONDS MINIMUM WIRE TO WIRE.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRES ARE TWISTED INTO PAIRS, 3-5 TWISTS PER INCH, ON BOTH SIDES OF FEEDTHRU. PAIRS AS FOLLOWS: ITEMS 2 & 3, ITEMS 2 & 4, ITEMS 2 & 5, AND ITEMS 2 & 6.
7. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
8. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
9. DIMENSIONS ARE INCHES [millimeters].
10. REF-OPERATING TEMPERATURE -20°C TO 105°C .
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.

9	1	-012 TEFLON	RING -012 TEFLON BACKUP SINGLE TURN SCARF CUT
8	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
7	2	-012 VITON	O-RING -012 VITON 75
6	1	PC24 YELLOW	WIRE 24PVC MIL-W-16878/1 19#36
5	1	PC24 WHITE	WIRE 24PVC MIL-W-16878/1 19#36
4	1	PC24 RED	WIRE 24PVC MIL-W-16878/1 19#36
3	1	PC24 GREEN	WIRE 24PVC MIL-W-16878/1 19#36
2	4	PC24 BLK	WIRE 24PVC MIL-W-16878/1 19#36
1	A/R	PAVE-Seal 150	EPOXY BLACK
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
 SP8/100-E-150-8-PC24-24-14

PART NUMBER
4581

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