



NOTES:

1. HELIUM LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST. TEST CERTIFICATIONS FOR LOWER HELIUM LEAK RATES DOWN TO 10^{-10} CC/SEC RATE MAY BE AVAILABLE BY CONTACTING PAVE SALES ENGINEERING PRIOR TO ORDERING.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CONDUCTOR TO CONDUCTOR AND CONNECTOR FLANGES WITH MATING CONNECTORS.
3. CONTINUITY TEST <0.5 Ohm MATING CONNECTOR TO MATING CONNECTOR.
4. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
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 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.

PIN-OUT TABLE

PLUG SIDE	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS	POS
ATMOSPHERE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
VACUUM	8	7	6	5	4	3	2	1	15	14	13	12	11	10	9

ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	3466	PLATE TOP SS
5	1	-029 VITON	O-RING -029 VITON 75
4	4	JACKPOST 4-40	"P" STYLE 4-40 UNC
3	2	YARDLEY#440A5-8	THREADED INSERT SS 4-40 X .12
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	2	L77DA15P	PLUG D-SUB 15 PIN UL 94V-0 INSULATOR, TIN PLATED STEEL SHELL, GOLD PLATED BRASS PINS 7.5A

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DESCRIPTION
SP37/13-E-150-15-20-DSUB-DSUB

PART NUMBER
5365

MATERIAL NOTED

REVISION LEVEL
A

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