



NOTES:

1. HE LEAK TEST VACUUM 10X10⁻⁷ CC/SEC OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND RECEPTACLE FLANGES.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
6. CONTINUITY TEST <.5ohms PINS TO SOCKETS.
7. REF-OPERATING TEMPERATURE -20°C TO 125°C.
8. 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. DIMENSIONS ARE INCHES [millimeters].

ITEM	QTY	PART NUMBER	DESCRIPTION
7	1	3420PG2C	PLATE TOP SS
6	1	-032 VITON	O-RING -032 VITON 75
5	4	JACKPOST 4-40	"P" STYLE 4-40 UNC
4	2	YARDLEY#440A5-8	THREADED INSERT SS
3	A/R	PAVE-SEAL 150	EPOXY BLACK
2	1	680M5W5203L401	RCPT D-SUB 5 SOCKET PBT INSULATOR, NICKEL PLATED STEEL SHELL, 40 AMP POWER CONTACTS
1	1	680M5W5103L401	PLUG D-SUB 5 PIN PBT INSULATOR, NICKEL PLATED STEEL SHELL, 40 AMP POWER CONTACTS

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

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DESCRIPTION
 SP46/13-E-150-5-8-DSUB-DSUB

PART NUMBER
4526

MATERIAL NOTED

REVISION LEVEL -

PROJECTION