



NOTES:

1. HE LEAK TEST VACUUM 10×10^{-7} CC/SEC OR LESS. A GREEN PAINT DOT INDICATES PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE TO SHIELDING AND HOUSING.
3. CONTINUITY TEST <1.0 OHM SHIELDING 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 SMALLER THAN $\phi 0.035$ [.89] ARE ACCEPTABLE.
8. REF-OPERATING TEMPERATURE CABLES -30°C TO 60°C & SEAL -55°C TO 125°C .
9. 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.
10. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

ITEM	QTY	PART NUMBER	DESCRIPTION
10	2	M17/176-2	CABLE #24 TSP PTFE WHT/BLU SPC BRAID PFA JACKET MIL-C-17, M17/176-00002 BELDEN 81553 EQUIVALENT
9	1	BELDEN 9841	CABLE 1TP #24 PE INSULATION & PVC JACKET FOR RS-485
8	1	BELDEN 8102	CABLE 2TP #24 FPE INSULATION & PVC JACKET FOR RS-232/422
7	2	ALPHA 9504C	CABLE 4TP #24 CATEGORY 5 PE/PVC
6	1	CSUSB	CABLE USB 2.0 L-COM
5	1	PC22 UL1015 BLK	WIRE 22PVC UL1015 .032 7/#30
4	1	PC18 UL1015 RED	WIRE 18PVC UL1015 .032 16/#30
3	1	PC18 UL1015 BLK	WIRE 18PVC UL1015 .032 16/#30
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4710	HOUSING FL44MM-316SS

PAVE technology co.
 2751 Thunderhawk Court
 Dayton, OH 45414-3445
 U.S.A.
 tel (937) 890-1100
 fax (937) 8905165
 www.pavetechnologyco.com

DESCRIPTION
 FL44MM-SS-150-2/1/7CBL-PC18/22/USB/CAT5/RS232/485/TSP24-15cm-15cm

PART NUMBER
4685

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