



NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES, MINIMUM DURATION PER TABLE. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM T/C PAIR TO HOUSING.
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. REF-OPERATING TEMPERATURE RANGE 0°C TO 80°C.
8. DIMENSIONS ARE INCHES [millimeters].
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.

PART #	ITEM #	"X"	"Y"	DESCRIPTION	LEAK TEST DURATION
3782	3	4 [102]	72 [1829]	PT2-B-80-1P-KT30-67T-4	2.5 MINUTES
3782-1	5	7 [178]	13 [330]	PT2-B-80-1P-KT30-6T-7	30 SECONDS
3782-2	6	8.2 [208]	22.1 [560]	PT2-B-80-1P-KT30-13T-8	1 MINUTE
3782-3	3	24 [610]	72 [1829]	PT2-B-80-1P-KT30-47T-24	2.5 MINUTES

6	1	KT30-22 TCB	*SEE TABLE	CABLE T/C TYPE K #30 TEFLON W/ THERMOCOUPLE WELDED BEAD 25" OAL
5	1	KT30-13 TCB	*SEE TABLE	CABLE T/C TYPE K #30 TEFLON W/ THERMOCOUPLE WELDED BEAD 16" OAL
4	1	SMPW-K-M		CONNECTOR MINI THERMOCOUPLE TYPE K
3	1	KT30 TCB	*SEE TABLE	CABLE T/C TYPE K #30 TEFLON W/ THERMOCOUPLE WELDED BEAD 72" OAL
2	A/R	PAVE-Seal 150		EPOXY BLACK
1	1	2-1 RB-B		HOUSING PT2-B
ITEM	QTY	PART NUMBER		DESCRIPTION

PAVE technology co.

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www.pavetechnologyco.com

DESCRIPTION
SEE TABLE

PART NUMBER *SEE TABLE
3782

MATERIAL NOTED

REVISION LEVEL D

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