



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

**NOTES:**

- LEAK TEST: 80 PSI, NO BUBBLES, MINIMUM DURATION PER TABLE. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM T/C PAIR TO HOUSING.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
- 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
- REF-OPERATING TEMPERATURE 0 °C TO 80 °C.
- DIMENSIONS ARE INCHES [millimeters].
- 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.

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

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**PAVE technology co.**

DESCRIPTION: \*SEE TABLE

PART NUMBER: \*SEE TABLE **3782**

MATERIAL: NOTED

REVISION LEVEL: C

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