



**NOTES:**

1. LEAK TEST: 3782: 80 PSI, NO BUBBLES 2.5 MINUTES MIN. 3782-1: 80 PSI, NO BUBBLES 30 SECONDS MIN. A GREEN PAINT DOT 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. VOIDS LARGER THAN  $\phi 0.035$  [.89] ARE NOT ACCEPTABLE.
7. REF-OPERATING TEMPERATURE 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
3782	3	4 [102]	72 [1829]	PT2-B-80-1P-KT30-67T-4
3782-1	5	7 [178]	13 [330]	PT2-B-80-1P-KT30-6T-7

5	1	KT30-13 TCB	*SEE TABLE	CABLE T/C TYPE K #30 TEFLON W/ THERMOCOUPLE WELDED BEAD 13"
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
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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DESCRIPTION	PT2-B-80-1P-KT30-*T-X			*SEE TABLE
PART NUMBER	SEE TABLE	MATERIAL	NOTED	
3782		REVISION LEVEL	B	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