



- NOTES:
- LEAK TEST AS FOLLOWS, A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE SPECIFIED TEST:
 5042 ONLY: HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS.
 5042-1 ONLY: LEAK TEST 750 PSI, NO N₂ BUBBLES 1 MINUTE MINIMUM.
 5042-2 ONLY IS TESTED TWICE: FIRST LEAK TEST 750 PSI, NO N₂ BUBBLES 1 MINUTE MINIMUM, THEN HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS. TWO PAINT DOTS INDICATE PASSING BOTH TESTS.
 - HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
 - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 - ALL PARTS MUST PASS ALL TESTS.
 - WIRE POSITIONING IS APPROXIMATE & VARIABLE.
 - COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 $\leq .5$ [12.7] SEAL DIAMETER: $\phi .035$ [.89] MAX ALLOWED VOID SIZE
 $> .5$ [12.7] SEAL DIAMETER: $\phi .060$ [1.5] MAX ALLOWED VOID SIZE
 - REF-OPERATING TEMPERATURE RANGE -20°C TO 150°C .
 - 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.
 - DIMENSIONS ARE INCHES [millimeters].
 - WIRES ARE MARKED ON BOTH ENDS WITH A UNIQUE NUMBER.

ITEM	QTY	PART NUMBER	DESCRIPTION
4	8	-	BRADY WIRE MARKERS (NUMBERS 1-4)
3	4	KT20	CABLE T/C TYPE K 20AWG TEFLON
2	A/R	PAVE-Seal 200	EPOXY BLACK
1	1	0346	HOUSING PT-8 SS

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DESCRIPTION
PT8-SS-200-4P-KT20-24-144

PART NUMBER
5042

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