



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS. LEAK TEST IS PERFORMED USING A G-275 VITON GASKET, 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 PIN TO PIN AND HOUSING WITH MATING CONNECTOR.
3. CONTINUITY TEST: <14.7 OHMS PIN TO WIRE END WITH MATING CONNECTOR.
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 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
8. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
9. DIMENSIONS ARE INCHES [millimeters].
10. 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.

PIN-OUT TABLE

PIN	ITEM#	T/C # / LEAD COLOR
A	4	T/C #1 / RED (-)
B	5	T/C #1 / YELLOW (+)
C	4	T/C #2 / RED (-)
D	5	T/C #2 / YELLOW (+)
E	4	T/C #3 / RED (-)
F	5	T/C #3 / YELLOW (+)
G	4	T/C #4 / RED (-)
H	5	T/C #4 / YELLOW (+)

ITEM	QTY	PART NUMBER	DESCRIPTION
11	1	M85049/38-13N	STRAIN RELIEF 38999 SHELL 13 NICKEL PLATED ALUMINUM
10	4	M39029/88-488	CONTACT #20 SOC CHROMEL CRIMP
9	4	M39029/88-487	CONTACT #20 SOC ALUMEL CRIMP
8	1	26FC8SN-LC	PLUG 8#20 SOC NICKEL PLATED ALUMINUM SHELL
7	1	GASKET G-275 C	GASKET COPPER
6	4	FF-K-20	CABLE T/C TYPE K #20 FEP TEFLON
5	4	M39029/87-476	CONTACT #20 PIN CHROMEL
4	4	M39029/87-475	CONTACT #20 PIN ALUMEL
3	1	20FC8PN-LC	RCPT 8#20 PIN NICKEL PLATED ALUMINUM SHELL
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5223	HOUSING CF275/PT12-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE technology co.

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DESCRIPTION
CF275/PT12-SS-150-4P-KT20-99920P-360

PART NUMBER
5221

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