



CONNECTOR PINOUT TABLE

POS	MATERIAL (ITEM#'S)
A	CHROMEL (14, 15, 16)
B	ALUMEL (11, 12, 13)
C	CHROMEL (14, 15, 16)
D	ALUMEL (11, 12, 13)
E	CHROMEL (14, 15, 16)
F	ALUMEL (11, 12, 13)
G	CHROMEL (14, 15, 16)
H	ALUMEL (11, 12, 13)
J	CHROMEL (14, 15, 16)
K	ALUMEL (11, 12, 13)
L	CHROMEL (14, 15, 16)
M	ALUMEL (11, 12, 13)
N	CHROMEL (14, 15, 16)
P	ALUMEL (11, 12, 13)
R	CHROMEL (14, 15, 16)
S	ALUMEL (11, 12, 13)
T	CHROMEL (14, 15, 16)
U	ALUMEL (11, 12, 13)
V	COPPER (8, 9, 10)

NOTES:

- HE LEAK TEST @ 1 ATM 10X10⁻⁷ CC/SEC OR LESS.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN & SHELL WITH MATING CONNECTORS.
- CONTINUITY TEST <1 OHM PIN TO SOCKET WITH MATING CONNECTORS.
- PINS & SOCKETS ARE CONNECTED WITH SIMILAR MATERIALS, SEE PINOUT TABLE. EXAMPLE: POSITION A CONSISTS OF A CHROMEL PIN CONNECTED TO A CHROMEL SOCKET BY A CHROMEL WIRE.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN Ø0.035 [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
- REF-OPERATING TEMPERATURE -20°C TO 125°C.
- REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
- REF-FOR USE WITH PAVE# PT-1008.
- DIMENSIONS ARE INCHES [millimeters].

16	9	SPCH-032	WIRE CHROMEL Ø.032
15	9	M39029/88-488	CONTACT #20 SOCKET CHROMEL
14	9	M39029/87-476	CONTACT #20 PIN CHROMEL
13	9	SPAL-032	WIRE ALUMEL Ø.032
12	9	M39029/88-487	CONTACT #20 SOCKET ALUMEL
11	9	M39029/87-475	CONTACT #20 PIN ALUMEL
10	1	BARE COPPER #18	WIRE 18 BARE COPPER SOLID
9	1	M39029/56-351	CONTACT #20 SOCKET
8	1	M39029/58-363	CONTACT #20 PIN GOLD PLATED
7	A/R	FOMBLIN YVAC3	LUBRICANT O-RING FOMBLIN GREASE
6	2	-117 VITON	O-RING -117 VITON 75
5	1	RR 5100-100-HST	RETAINING RING EXTERNAL 1.00 SS
4	1	PT-1018	SPRING RING 304SS
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	PT-1050	RCPT 19 #20 SOC 38999
1	1	PT-1049	RCPT 19 #20 PIN 38999
ITEM	QTY	PART NUMBER	DESCRIPTION

DETAIL A
SCALE 2 : 1

NOTE PROPER ORIENTATION OF CHAMFER ON SPRING RING

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

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DESCRIPTION
 PUSHTHRU ASSEMBLY 19 PIN K

PART NUMBER
PT-1074

MATERIAL NOTED
 REVISION LEVEL A

PROJECTION