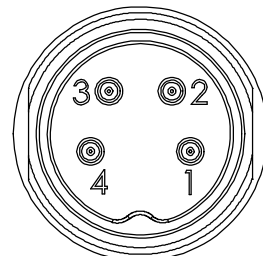


ITEM 3 PINOUT	
ATM	VAC
1	1
2	2
3	3
4	4
SHELL	SHELL

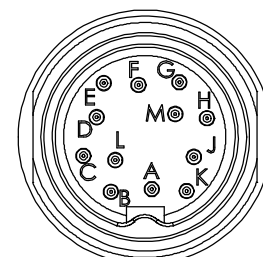
REF-ITEM 3 MATING FACE



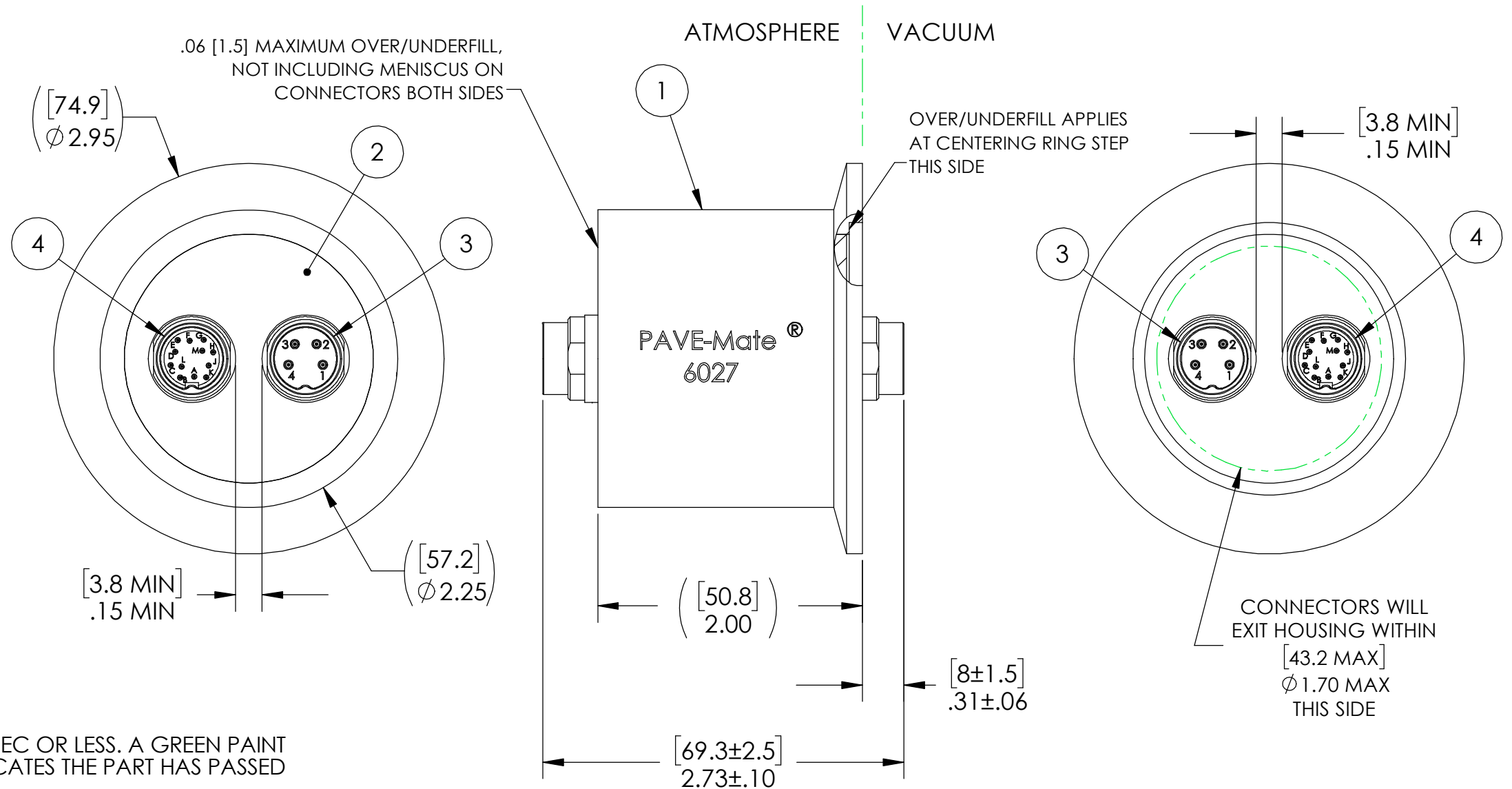
SCALE: 2:1

ITEM 4 PINOUT	
ATM	VAC
A	A
B	B
C	C
D	D
E	E
F	F
G	G
H	H
J	J
K	K
L	L
M	M
SHELL	SHELL

REF-ITEM 4 MATING FACE



SCALE: 2:1



NOTES:

- HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN TO SHIELD AND HOUSING WITH MATING CONNECTORS. SHIELDS ISOLATED FROM EACH OTHER & HOUSING.
- CONTINUITY TEST <1.0 OHM PIN TO PIN AND SHELL TO SHELL WITH MATING CONNECTORS.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE RANGE -20 °C TO 100 °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.

ITEM	QTY	PART NUMBER	DESCRIPTION
4	2	C09131W0122002U	RCPT 12#20 PINS M16 C091D12 NICKEL PLATED ZINC SHELL TP INSULATOR GOLD PLATED CONTACTS AMPHENOL
3	2	C09131W0041002U	RCPT 4#16 PINS M16 C091D12 NICKEL PLATED ZINC SHELL TP INSULATOR SILVER PLATED CONTACTS AMPHENOL
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4962	HOUSING NW50-SS

2751 Thunderhawk Court
Dayton, OH 45414-3445
U.S.A.
tel (937) 890-1100
fax (937) 8905165
www.pavetechnologyco.com

PAVE technology co.

DESCRIPTION
NW50-SS-150-12/4-20/16-C091D12PP/4PP

PART NUMBER
6027

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