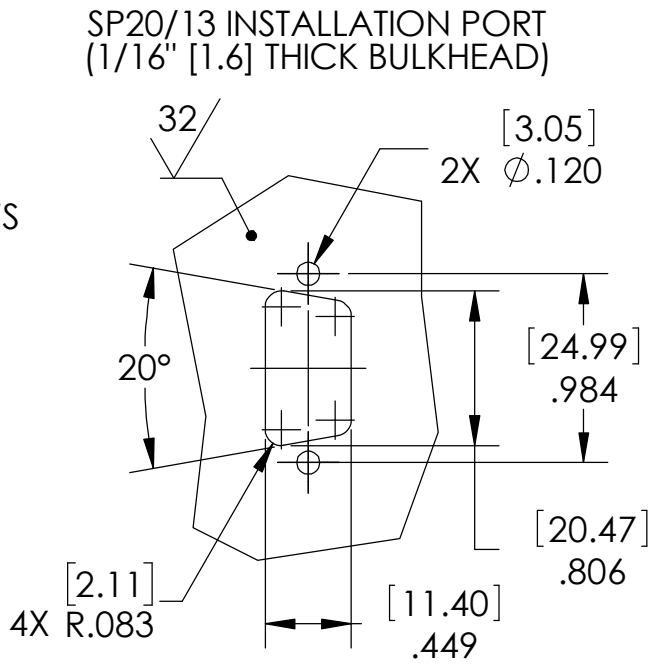
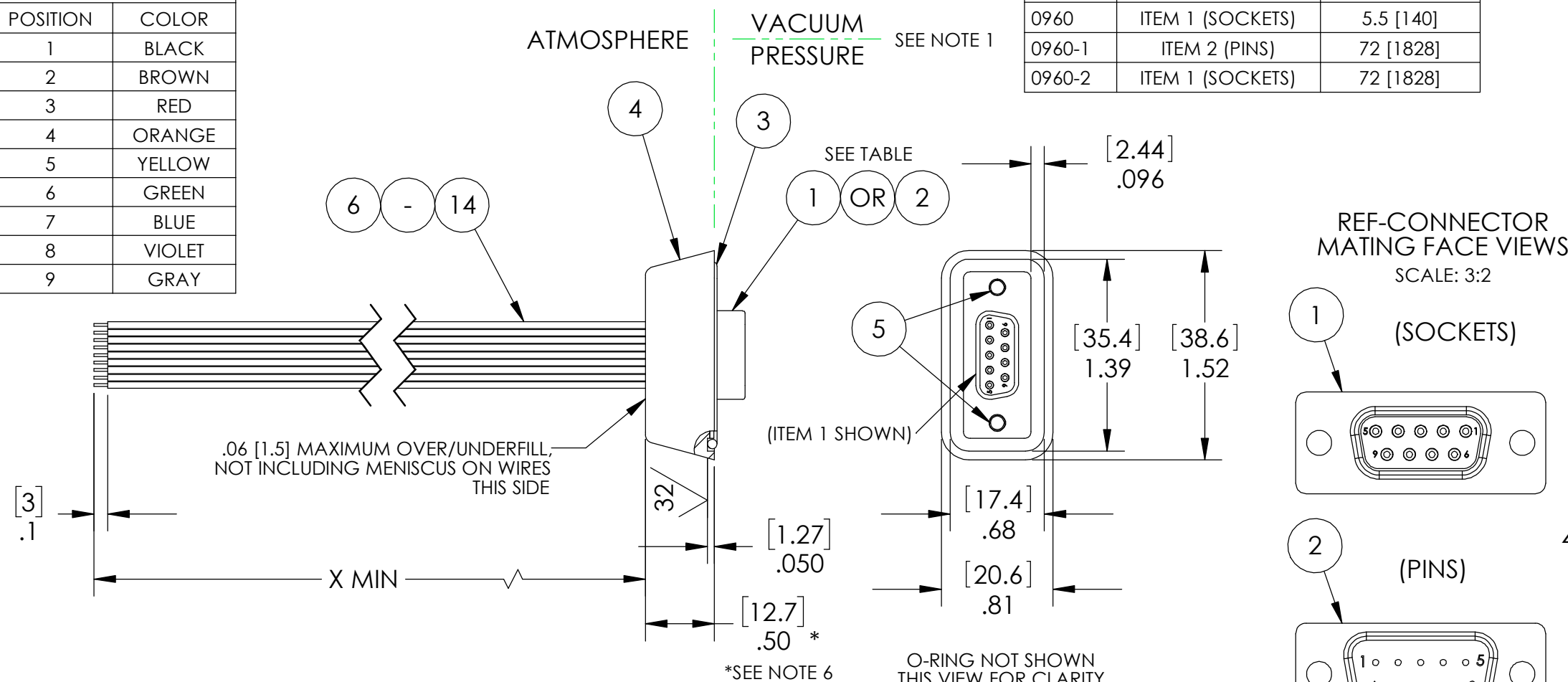


PIN-OUT TABLE	
POSITION	COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
5	YELLOW
6	GREEN
7	BLUE
8	VIOLET
9	GRAY

PAVE#	CONNECTOR	X
0960	ITEM 1 (SOCKETS)	5.5 [140]
0960-1	ITEM 2 (PINS)	72 [1828]
0960-2	ITEM 1 (SOCKETS)	72 [1828]



NOTES:

- LEAK TEST AS FOLLOWS, A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE SPECIFIED TEST.
0960 ONLY: HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS.
0960-1 & 0960-2 ONLY: 80 PSI, NO BUBBLES 3 MINUTES MINIMUM.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
- CONTINUITY TEST <0.6 OHM MATING CONNECTOR TO WIRE ENDS.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- DIMENSION DOES NOT INCLUDE OVERFILL ON ATMOSPHERE SIDE.
- 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 105°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.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

14	1	TZ24 GRY M/16	WIRE 24 TEFZEL M22759/16
13	1	TZ24 VIO M/16	WIRE 24 TEFZEL M22759/16
12	1	TZ24 BLU M/16	WIRE 24 TEFZEL M22759/16
11	1	TZ24 GRN M/16	WIRE 24 TEFZEL M22759/16
10	1	TZ24 YLW M/16	WIRE 24 TEFZEL M22759/16
9	1	TZ24 ORG M/16	WIRE 24 TEFZEL M22759/16
8	1	TZ24 RED M/16	WIRE 24 TEFZEL M22759/16
7	1	TZ24 BRN M/16	WIRE 24 TEFZEL M22759/16
6	1	TZ24 BLK M/16	WIRE 24 TEFZEL M22759/16
5	2	YARDLEY#440A5-8	THREADED INSERT SS 4-40 X .12
4	A/R	PAVE-Seal 150	EPOXY BLACK
3	1	-023 VITON	O-RING -023 VITON 75
2	1	171-009-103L001	PLUG D-SUB 9 #20 PINS PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS PINS
1	1	171-009-203L001	RCPT D-SUB 9 SOCKET PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS SOCKETS
ITEM	QTY	PART NUMBER	DESCRIPTION

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

DESCRIPTION
SP20/13-E-150-9-TZ24-X-DSUB

PART NUMBER SEE TABLE & NOTE 1 MATERIAL NOTED
0960

REVISION LEVEL D 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