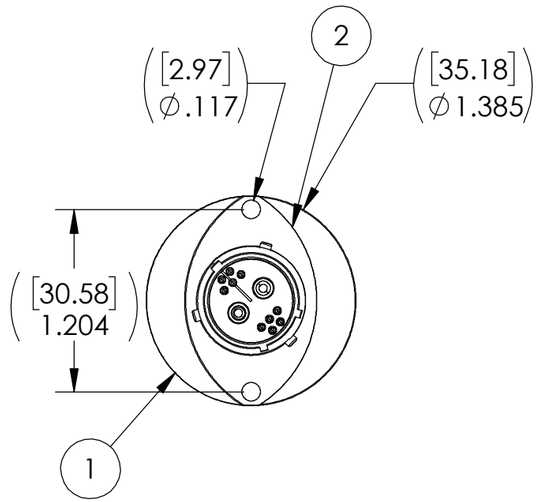
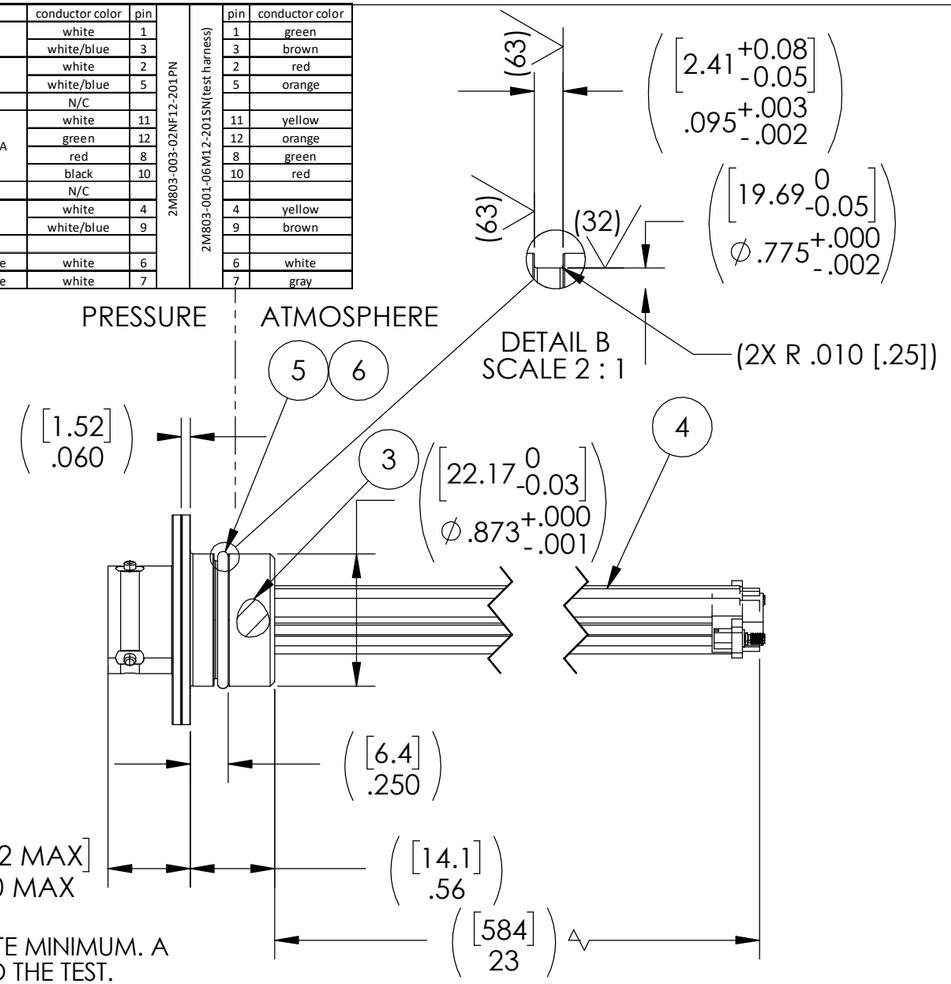
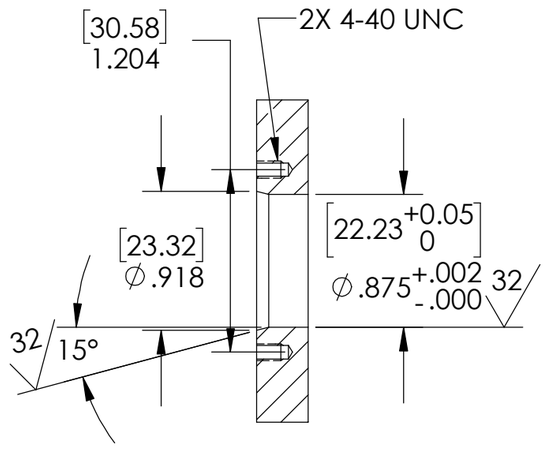
conductor color	Pin			pin	conductor color	wire	conductor color	pin			pin	conductor color
green	1	M80-5601205(test harness)	M80-4651205A	1	white	22 AWG twisted pair	white	1	2M803-003-02NF12-201PN	2M803-001-06M12-201SN(test harness)	1	green
brown	2			2	white/blue		white/blue	3			3	brown
red	3			3	white	22 AWG twisted pair	white	2			2	red
orange	4			4	white/blue		white/blue	5			5	orange
blue	5			5	green	22 AWG PTFE Insulation	N/C					
yellow n/c USB	6		Terminated with USB- A Male			USB cable Insignia™ - 6' USB-A-to-USB-A Model: NS-PU065AA	white	11			11	yellow
orange n/c USB	7						green	12			12	orange
white n/c USB	8						red	8			8	green
brown n/c USB	9						black	10			10	red
red	10		M80-4651205A	10	green	22 AWG PTFE Insulation	N/C					
yellow	11			11	white	22 AWG twisted pair	white	4			4	yellow
green	12			12	white/blue		white/blue	9			9	brown
			red 261G2-LPBK		white	14 AWG PVC Insulation cable	white	6			6	white
			black 261G2-LPBK		white	14 AWG PVC Insulation cable	white	7			7	gray







NOTES:
1. LEAK TEST: 1500 PSI NITROGEN, NO BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   <= .5 [12.7] SEAL DIAMETER: ∅.035 [.89] MAX ALLOWED VOID SIZE
   > .5 [12.7] SEAL DIAMETER: ∅.060 [1.5] MAX ALLOWED VOID SIZE
7. REF-OPERATING TEMPERATURE -20 °C TO 125 °C.
8. DIMENSIONS ARE INCHES [millimeters].
9. 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.
10. REF - ITEM 1 IS ANODIZED: IAW MIL-A-8625, TYPE III, CLASS 1, COATING THICKNESS = 0.002 ±10% (HALF PENETRATION, HALF BUILDUP) DUPLEX SEAL

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

ITEM	QTY	PART NUMBER	DESCRIPTION
6	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
5	1	-018 VITON	O-RING -018 VITON 75
4	1	5364HARNESS	WIRING HARNESS TERMINATED
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	2M80332NF12201P	RCPT 2/10-12/23 PINS OLIVE DRAB CADMIUM
1	1	5385	HOUSING SPF14-AL (ANODIZED)

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

DESCRIPTION: SPF14-AL-150-3/2/1-TSP22/PC14/USB-2M803-23/9/36

PART NUMBER: 5364

MATERIAL: NOTED

REVISION LEVEL: C

PROJECTION