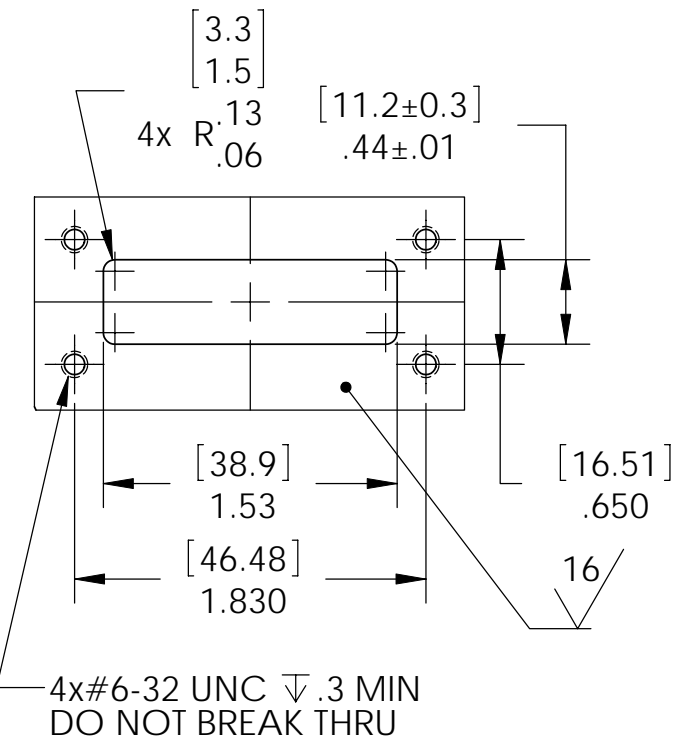


SP33/14 INSTALLATION PORT



NOTES:

1. HE LEAK TEST @ 1 ATM 10x10⁻⁸ CC/SEC OR LESS.
2. HYPOT 500 VDC 200 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. CONTINUITY TEST 0.5 OHMS MAXIMUM MATING CONNECTOR TO MATING CONNECTOR.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN ϕ 0.035 [1.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. REF-OPERATING TEMPERATURE -20 °C TO 125 °C.
8. DIMENSIONS ARE INCHES [MILLIMETERS].
9. 3142-R IS REVERSED WITH SOCKETS ON THE VACUUM SIDE & PINS ON THE ATMOSPHERE SIDE.

6	1	-026 VITON	O-RING -026 VITON 75
5	A/R	PAVE-Seal 150	EPOXY BLACK
4	4	JACKPOST 2-56	"P" STYLE 2-56 UNC
3	1	3174	HOUSING SP33/14-AL 6061 ELECTROLESS NICKEL PLATED
2	1	M8351303-G05N	CONNECTOR 51PIN MIL-C-83513
1	1	M83513/02-GN	CONNECTOR 51SOC MIL-C-83513
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
SP33/14-AL-150-51-25-M83513

PART NUMBER *SEE NOTE 9 NOTED
3142*

REVISION LEVEL J

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE \pm 0.5
X.X DECIMAL \pm 0.1 X.XX DECIMAL \pm 0.02 X.XXX DECIMAL \pm 0.005
ANGLES \pm 1 DEGREE SURFACE FINISH 128 microinch RMS