



NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 4 MINUTES MINIMUM.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING WITH MATING CONNECTOR.
3. CONTINUITY TEST: <.64Ω WIRE ENDS TO MATING CONNECTOR.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
7. COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [.89] ARE ACCEPTABLE.
8. REF-OPERATING TEMPERATURE -20 °C TO 125 °C.
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. DIMENSIONS ARE INCHES [millimeters].
11. WIRES MARKED WITH A UNIQUE NUMBER (1-79) CORRESPONDING TO THE PIN NUMBERS INDICATED ON THE RECEPTACLE FACE.

10	79	-	BRADY WIRE MARKERS (1-79)
9	1	0199	NUT VS22-SS
8	1	M85049/38-21A	STRAIN RELIEF FOR 26FG35SN
7	1	26FG35SN	PLUG 79#22 M38999 SERIES III
6	A/R	PAVE-Seal 150	EPOXY BLACK
5	79	M22759/32-28-9	WIRE 28AWG XL-ETFE M22759/32
4	1	-224 EPDM	O-RING -224 EPDM 70
3	4	4-40X.25 SHCS	SCREW SHCS 4-40x.25-SS
2	1	20FG35PN	RCPT 79#22 PIN M38999 SERIES III
1	1	4453	HOUSING VS22-SS W/4X4-40UN
ITEM	QTY	PART NUMBER	DESCRIPTION

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
 VS22-SS-150-79-TZ28-99920P-100

PART NUMBER
4447

MATERIAL NOTED

REVISION LEVEL -

PROJECTION