



- NOTES:
1. LEAK TEST: 1015 PSI, NO BUBBLES 1 HOUR MINIMUM. O-RINGS (ITEM 4) WILL BE DISCARDED AFTER TESTING & PARTS WILL BE SHIPPED WITHOUT O-RINGS (ITEM 4).
 2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE & SHIELD.
 3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 4. ALL PARTS MUST PASS ALL TESTS.
 5. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
 6. REF-OPERATING TEMPERATURE -20°C TO 125°C.
 7. 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.
 8. ITEM 6 SHALL BE MARKED "PAVE-Seal 3650 MFG CAGE CODE 67744" & APPLIED TO THE ENTIRE WIRE BUNDLE ON THE ATMOSPHERE SIDE.
 9. ITEM 8 SHALL BE MARKED WITH AN "A", "B", "C" & "D" & APPLIED TO ITEM 3 ON BOTH ENDS, 1 LETTER PER CABLE.
 10. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [.13] MAXIMUM.
 11. DIMENSIONS ARE INCHES [millimeters].

ITEM	QTY	PART NUMBER	DESCRIPTION
7	8	M23053/5 3/8	TUBING SHRINK POLYOLEFIN BLACK W/WHT MARKING "A", "B", "C" & "D"
6	1	M23053/5 1 3650	TUBING SHRINK POLYOLEFIN BLACK W/WHT MARKING MFG CAGE CODE 67744
5	A/R	DOW CORNING 111	LUBRICANT O-RING SILICONE GREASE NSF 51/61
4	2	-020 VITON	O-RING -020 VITON 75
3	4	0024A0311-0	WIRE COAX CHEMINAX
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	2309	HOUSING SP16-E

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DESCRIPTION
SP16-E-150-4-0024A0311-7-78

PART NUMBER
3650

MATERIAL NOTED

REVISION LEVEL
A

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