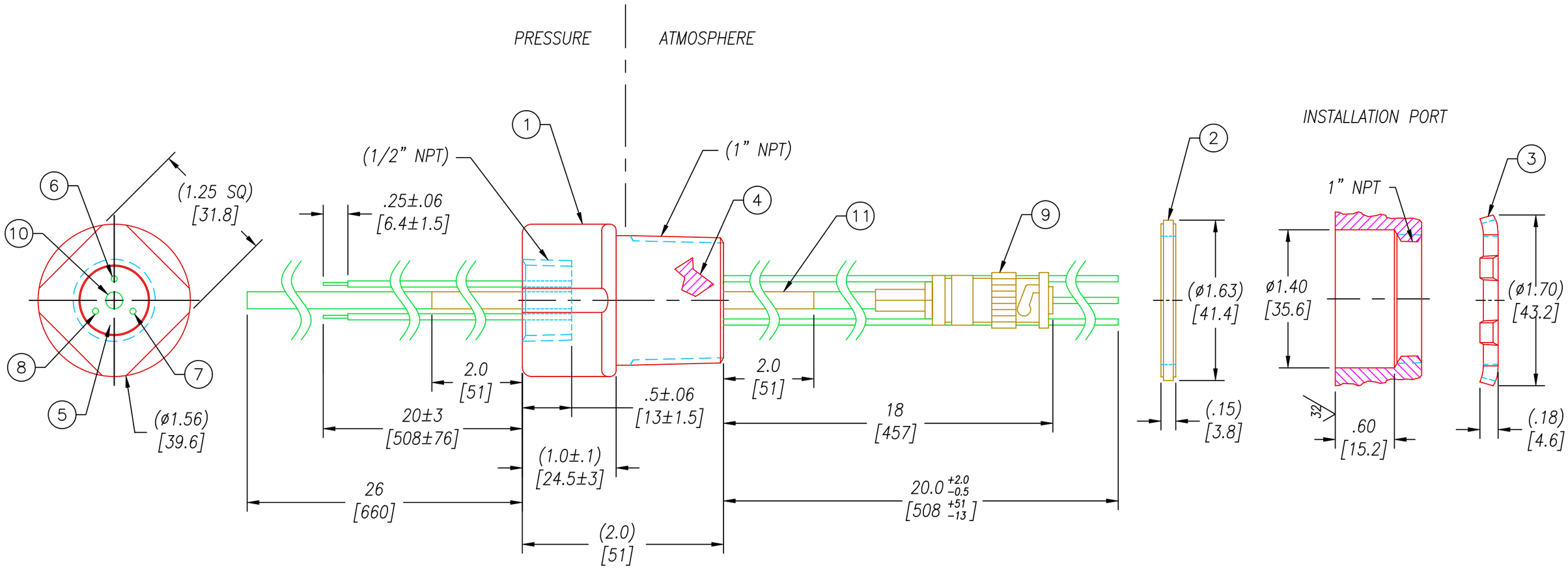

NOTES:

1. NO LEAK TEST: SEAL IS NOT HERMETIC.
2. HYPOT 630 VDC 500 MΩ 0.01 SEC MINIMUM, WIRE TO WIRE & HOUSING.
3. TESTING IS PERFORMED AT ROOM TEMPERATURE, ALL PARTS MUST PASS ELECTRICAL TESTING.
4. WIRES EMERGING FORM SILICONE SHALL NOT BE CLOSER THAN .06 [1.5] FROM THREADS.
5. .06 [1.5] MINIMUM SPACING BETWEEN WIRES THRU SEAL, WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. NO VOIDS LARGER THAN ø.035 [0.89] ARE ACCEPTABLE.
7. DIMENSIONS ARE INCHES [millimeters].
8. BAKE ASSEMBLY FOR 48 HOURS @ 120°C. –REF QUALIFICATION ONLY.

ITEM	QTY	PART#	DESCRIPTION
11	1	FIT–221–1/4"	TUBING SHRINK 1/4" MIL–I–23053/5B BLK
10	1	RG303/U	CABLE COAX RG303/U QPL PER MIL–C–17G
9	1	AMPHENOL#31–395	PLUG MHV
8	1	EE22 MIL RED	WIRE 22EE MIL–W–16878/5 .015 7/#30
7	1	EE22 MIL BLUE	WIRE 22EE MIL–W–16878/5 .015 7/#30
6	1	EE22 MIL BLK	WIRE 22EE MIL–W–16878/5 .015 7/#30
5	A/R	PAVE–Silicone	SILICONE GREEN
4	A/R	PAVE–Seal 200	EPOXY BLACK
3	1	MW13	LOCKNUT FOR ES31 HOUSING
2	1	SG3	SEALING RING FOR ES31 HOUSING
1	1	0767	ES31–SG HOUSING (1/2" CONDUIT)

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

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(937)890–1100
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DESCRIPTION PAVE–Seal® Cable Harnesses

ES31–SG–200–3/1–EE22/RG303

PART NUMBER 0765

REVISON LEVEL E

PROJECTION