



BNCS OMITTED FROM THIS VIEW FOR CLARITY

NOTES:

1. LEAK TEST: [3530]: 2,500 PSI, NO BUBBLES 1 MINUTE MINIMUM. [3530-1]: 4100 PSI, NO BUBBLES 1 MINUTE MINIMUM.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CONDUCTOR TO CONDUCTOR.
3. CONTINUITY TEST END TO END SHIELDING: <.5 Ohms, CENTER CONDUCTOR: <3 OHMS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
7. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
9. REF-OPERATING TEMPERATURE -20°C TO 155°C. [NOTE: FOR 3530-1 VERSION, CONNECTORS RATED TO 85°C.]
10. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAX.
11. ITEM 6 IS ONLY INSTALLED ON 3530-1.
12. DIMENSIONS ARE INCHES [mm].

ITEM	QTY	PART NUMBER	DESCRIPTION
6	16	112516	PLUG BNC CRIMP FOR RG-178/196 Ni PLATED BODY Au PLATED PIN
5	A/R	SUPER O-LUBE	LUBRICANT O-RING SILICONE BASED
4	2	-020 VITON	O-RING -020 VITON 75
3	A/R	PAVE-Seal 200	EPOXY BLACK HIGH TEMPERATURE
2	8	RG178	WIRE COAX M17/93 FEP 7 STRAND SILVER-COATED WIRE O.D. .071
1	1	0913	HOUSING SP16-E

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DESCRIPTION: SP16-E-200-8-RG178-1-2M

PART NUMBER: 3530

MATERIAL: NOTED

REVISION LEVEL: B

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