



POSITION	CONNECTION	USE
1	CONDUCTOR	HYDROPHONE 1
2	SHIELD	HYDROPHONE 1
3	CONDUCTOR	HYDROPHONE 2
4	SHIELD	HYDROPHONE 2
5	CONDUCTOR	HYDROPHONE 3
6	SHIELD	HYDROPHONE 3
7	NC	NA
8	CONDUCTOR	HYDROPHONE 4
9	SHIELD	HYDROPHONE 4
10	CONDUCTOR	HYDROPHONE 5
11	SHIELD	HYDROPHONE 5
12	CONDUCTOR	HYDROPHONE 6
13	SHIELD	HYDROPHONE 6
14	CONDUCTOR	HYDROPHONE 7
15	SHIELD	HYDROPHONE 7
16	CONDUCTOR	HYDROPHONE 8
17	SHIELD	HYDROPHONE 8
18	NC	NA
19	NC	NA
20	ITEM 3	GROUND
21	CONDUCTOR	HYDROPHONE 9
22	SHIELD	HYDROPHONE 9
23	CONDUCTOR	HYDROPHONE 10
24	SHIELD	HYDROPHONE 10
25	CONDUCTOR	HYDROPHONE 11
26	SHIELD	HYDROPHONE 11
27	CONDUCTOR	HYDROPHONE 12
28	SHIELD	HYDROPHONE 12
29	CONDUCTOR	HYDROPHONE 13
30	SHIELD	HYDROPHONE 13
31	NC	NA
32	CONDUCTOR	HYDROPHONE 14
33	SHIELD	HYDROPHONE 14
34	CONDUCTOR	HYDROPHONE 15
35	SHIELD	HYDROPHONE 15
36	CONDUCTOR	HYDROPHONE 16
37	SHIELD	HYDROPHONE 16

- NOTES:
1. LEAK TEST: 1500 PSI, NO BUBBLES 30 SECONDS MINIMUM.
 2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
 3. CONTINUITY TEST PIN TO WIRE/SHIELD END: <.4 OHMS.
 4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 5. PERCENTAGE OF PARTS TESTED WILL BE 100% (MAY BE A LESSER PERCENTAGE FOR LARGE PRODUCTION QUANTITIES, UNLESS OTHERWISE NOTED OR REQUIRED).
 6. WIRE POSITIONING ON ATMOSPHERE SIDE IS APPROXIMATE & VARIABLE.
 7. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ ARE ACCEPTABLE ON ALL OTHER SURFACES.
 8. DIMENSION IS OVER-ALL-LENGTH EXCLUDING .06 MAXIMUM OVERFILL OR UNDERFILL ON ATMOSPHERE SIDE OF HOUSING.
 9. REF-OPERATING TEMPERATURE -20°C TO 60°C.

6	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
5	A/R	PAVE-Seal 150	EPOXY BLACK
4	2	-121 NITRILE	O-RING -121 NITRILE 70
3	1	E24 BLACK	WIRE 24E MIL-W-16878/4 7/#32
2	16	BELDEN 9221	CABLE COAX 30AWG PVC/FHDPE
1	37	M39029-57-354	CONTACT #22D SOC
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
 SP20-E-150-16/1-COAX/TE24-#22P-36/24

PART NUMBER
 2948

REVISION LEVEL -

PROJECTION