



**TABLE 1**

CABLE 1		CABLE 2	
CONTACT	WIRE COLOR/STRIPE	CONTACT	WIRE COLOR/STRIPE
J1-1	BLACK	J2-1	WHT/BLK
J1-2	WHITE	J2-2	WHT/RED
J1-3	RED	J2-3	WHT/GRN
J1-4	GREEN	J2-4	WHT/YEL
J1-5	YELLOW	J2-5	WHT/BLU
J1-6	BLUE	J2-6	WHT/BRN
J1-7	BROWN	J2-7	WHT/VIOLET
J1-8	ORANGE	J2-8	BLK/RED
J1-9	VIOLET	J2-9	BLK/YEL

26	1@1.2"	ET28 BLK/YEL	WIRE 28ET MIL-W-16878/6 0.006 7/#36
25	1@1.2"	ET28 BLK/RED	WIRE 28ET MIL-W-16878/6 0.006 7/#36
24	1@1.2"	ET28 WHT/VIOLET	WIRE 28ET MIL-W-16878/6 0.006 7/#36
23	1@1.2"	ET28 WHT/BRN	WIRE 28ET MIL-W-16878/6 0.006 7/#36
22	1@1.2"	ET28 WHT/BLU	WIRE 28ET MIL-W-16878/6 0.006 7/#36
21	1@1.2"	ET28 WHT/YEL	WIRE 28ET MIL-W-16878/6 0.006 7/#36
20	1@1.2"	ET28 WHT/GRN	WIRE 28ET MIL-W-16878/6 0.006 7/#36
19	1@1.2"	ET28 WHT/RED	WIRE 28ET MIL-W-16878/6 0.006 7/#36
18	1@1.2"	ET28 WHT/BLK	WIRE 28ET MIL-W-16878/6 0.006 7/#36
17	1@1.2"	ET28 VIOLET	WIRE 28ET MIL-W-16878/6 0.006 7/#36
16	1@1.2"	ET28 ORANGE	WIRE 28ET MIL-W-16878/6 0.006 7/#36
15	1@1.2"	ET28 BROWN	WIRE 28ET MIL-W-16878/6 0.006 7/#36
14	1@1.2"	ET28 BLUE	WIRE 28ET MIL-W-16878/6 0.006 7/#36
13	1@1.2"	ET28 YELLOW	WIRE 28ET MIL-W-16878/6 0.006 7/#36
12	1@1.2"	ET28 GREEN	WIRE 28ET MIL-W-16878/6 0.006 7/#36
11	1@1.2"	ET28 RED	WIRE 28ET MIL-W-16878/6 0.006 7/#36
10	1@1.2"	ET28 WHITE	WIRE 28ET MIL-W-16878/6 0.006 7/#36
9	1@1.2"	ET28 BLACK	WIRE 28ET MIL-W-16878/6 0.006 7/#36
8	2@1.2"	BARE COPPER #24	WIRE 24 BARE COPPER SOLID
7	A/R	PAVE-Seal 150	EPOXY BLACK
6	1	-021 VITON	O-RING -022 VITON 75
5	2@1.2"	TUBULAR BRD5/32	SHIELD BRAID 5/32 ID TINNED
4	1	AEP74061561011	PLUG SSMB RIGHT ANGLE BULKHEAD MOUNT
3	1	AEP10067541010	PLUG SMC RIGHT ANGLE BULKHEAD MOUNT
2	1@0.98"	ISI 9943102	CABLE COAX 0.0383IDIA 30AWG NO JACKET
1	1	2321	HOUSING 2X 9 PIN W/ COAX
ITEM	QTY	PART#	DESCRIPTION

- NOTES:**
- HE LEAK TEST @1 ATM. <10<sup>-4</sup> -7 CC/S. USE ONLY DRY VITON SEALS (NO LUBRICANT).
  - CHECK MATING & HYPOT 630 VDC 500 MW 0.01 SEC MINIMUM. WIRE TO WIRE & HOUSING.  
USE NANONICS P/N SSL 009 12073 PCN.
  - HYPOT 630 VDC 500 MW 0.01 SEC MINIMUM, COAX CONDUCTOR TO SHEILD & HOUSING
  - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
  - CABLE 1 TO BE 1 EACH ITEM#9 THRU ITEM#17 & CABLE 2 TO BE 1 EACH ITEM#18 THRU ITEM#26 COLOR CODED PER TABLE 1. EACH CABLE TO BE SHIELDED WITH DRAIN WIRE (ITEM#8) CONNECTED TO HOUSING
  - NO VISIBLE SCRATCHES OR MACHINING MARKS PERMITTED ACROSS THE SEALING SURFACES.
  - CONTINUITY TEST ITEM#8 TO ITEM#1 100mW MAXIMUM RESISTANCE.
  - CONTINUITY TEST COAX CONDUCTOR AND SHIELD FROM ITEM#3 TO ITEM#4.

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



DESCRIPTION PAVE-Seal@ Cable Harnesses

**NANO1.75-AL-150-18S/1-ET28/COAX-12**

PART NUMBER	REVISION LEVEL
<b>2280</b>	<b>A</b>
PROJECTION	