



WIRE	LOCATION	X	TERMINATION
EE22 MIL BRN	1	22	MOL#02-09-1119
EE22 MIL YLW	2	24	
EE22 WHT/ORG	3	9.5	
EE22 MIL GREEN	4	5.5	
EE18 UL1180 BLU	5	7.5	
EE18 UL1180 RED	6	7.5	
EE18 WHT/GRAY	7	7.5	
EE18 UL1180 WHT	8	7.5	
EE16 GRN	9	23	

21	A/R	SN60	SOLDER SN60
20	3@1	FIT-221-1/4"	TUBING SHRINK 1/4" IRR POLY ALPHA
19	A/R	PAVE-Seal 80	EPOXY BLACK
18	1	MOL#02-09-1104C	TERMINAL CRIMP 0.093" FEMALE 14-20AWG
17	8	MOL#02-09-1119	TERMINAL CRIMP 0.093" FEMALE 18-22AWG
16	1	MOLEX19-09-1096	RCPT 9 PIN
15	2	PANDUIT #P8-10R	TERMINAL RING #10
14	1	PANDUIT #P8-14R	TERMINAL RING 1/4"
13	31.2	EE22 MIL YLW	WIRE 22EE MIL-W-16878/5 .015 7/#30
12	16.7	EE22 WHT/ORG	WIRE 22EE MIL-W-16878/5 .015 7/#30
11	12.7	EE22 MIL GREEN	WIRE 22EE MIL-W-16878/5 .015 7/#30
10	29.2	EE22 MIL BRN	WIRE 22EE MIL-W-16878/5 .015 7/#30
9	14.8	EE18 WHT/GRAY	WIRE 18EE UL1180 .014 7/#26
8	14.8	EE18 UL1180 BLU	WIRE 18EE UL1180 .014 7/#26
7	14.8	EE18 UL1180 WHT	WIRE 18EE UL1180 .014 7/#26
6	14.8	EE18 UL1180 RED	WIRE 18EE UL1180 .014 7/#26
5	30.2	EE16 GRN	WIRE 16EE MIL-W-16878/5 .015 19/#29
4	41.4	EE10 BLACK	WIRE 10EE MIL-W-16878/5 .017 37/#29
3	43.2	EE8 RED	WIRE 8EE MIL-W-16878/5 133/#29
2	16.9	EE8 WHITE	WIRE 8EE MIL-W-16878/5 133/#29
1	1	2446	HOUSING PT20-B

- NOTES:**
1. LEAK TEST: 100 PSI, NO BUBBLES 2 MINUTES MINIMUM.
 2. HYPOT 1500 VAC 3 mA MAXIMUM LEAKAGE, WIRE TO WIRE & HOUSING.
 3. CONTINUITY TEST: 44 mW MAXIMUM WIRE END TO MOLEX MATING CONNECTOR END. 5 mW MAXIMUM WIRE END TO RING TERMINAL.
 4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 5. ALL WIRE DIMENSIONS ARE +0.50/-0.25.
 6. CRIMP, SOLDER THEN CLEAN RING TERMINALS BEFORE SHRINKING TUBING.

ITEM	QTY	PART#	DESCRIPTION
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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DESCRIPTION **PAVE-Seal® Cable Harnesses**
PT20-B-80-2/2/1/4/4-TEE8/10/16/18/22-T*

PART NUMBER **2431** PROJECTION