



WIRE LENGTH TABLE			
ID#	COLOR	X	Y
1	BLACK	3.54 [90]	36.22 [920]
2	WHITE	3.54 [90]	36.22 [920]
3	GREY	7.87 [200]	36.22 [920]
4	RED	7.87 [200]	36.22 [920]
5	NOT USED	-	-
6	ORANGE	9.06 [230]	36.22 [920]
7	YELLOW	9.06 [230]	36.22 [920]
8	GREEN	9.45 [240]	36.22 [920]
9	PURPLE	9.45 [240]	36.22 [920]
10	WHITE/BLUE	9.84 [250]	35.83 [910]
11	WHITE/BLACK	9.84 [250]	35.83 [910]
12	WHITE/GREEN	6.69 [170]	35.83 [910]
13	WHITE/BROWN	9.84 [250]	35.83 [910]

- NOTES:
- O-RING GROOVE MAY HAVE 0.1 THK X 0.01 HIGH FLASH AT PARTING LINE.
  - WIRES SHOWN IN APPROXIMATE LOCATIONS. BUNDLE SIZE  $\phi$ .725 [18.4] MAX
  - ELECTRICAL HYPOT 630 VDC WITH 500 Mohms MIN BETWEEN WIRES  
ELECTRICAL CONTINUITY: CONTACT PIN TO TERMINAL - 1 ohm MAX, ALL WIRES.
  - PRESSURE TEST 30 BAR (450 PSI)-NO VISIBLE BUBBLES  $<10^{-4}$  cc/s, 40 SEC MINIMUM.
  - ID# OR WIRE POSITION 5 NOT USED IN THE ASSEMBLY.
  - ASA 568-020 O-RINGS MUST BE PARKER SEAL.  
MAT'L: NBR, SHORE(A) 70 COMPOUND NO: 7377.
  - REFERENCE ONLY- CONNECTOR SHELLS INSTALLED BY CUSTOMER.
  - BAG ASSEMBLY & LOOSE CONNECTOR SHELLS IN A 8"x12" PLASTIC BAG.
  - ID# REFERS TO WIRE POSITION FOR ELECTRICAL TESTING @PAVE.  
ALL TESTING IS DONE AT ROOM TEMPERATURE, PRESSURE, & HUMIDITY.
  - CRIMP APPLICATOR TOOL AMP #687979-3 (CRIMP HEIGHT 1.22 $\pm$ 0.02 mm WIDTH 2.24-2.34 mm)
  - CRIMP APPLICATOR TOOL AMP #466320-2 (CRIMP HEIGHT 1.22 $\pm$ 0.02 mm WIDTH 1.78 mm)
  - ITEM 17 EXTRACTION TOOL AMP #458994-2
  - ITEM 15 MAY BE MARKED WITH "PAVE" & "0430".

22	A/R	PAVE-Seal 150	EPOXY BLACK
21	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM BASED
20	2	-020, NBR#7377	O-RING -020 BUNA 70 PARKER 7377
19	1	AMP #350779-1	CONNECTOR SHELL 4 POSITION
18	1	AMP #350720-1	CONNECTOR SHELL 9 POSITION
17	12	AMP #350561-1	CONTACT PIN 18AWG BRASS PRE-TIN
16	12	AMP #60413-1	TERMINAL FASTON STRAIGHT FOR .250 BLADE
15	1	PVC80-7/16	TUBING PVC 7/16"ID 80°C MIN
14	1	0913	HOUSING SP16-E
13	1	PC18 UL1569W/BR	WIRE 18PC UL1569/1007 CSA TR64 .016
12	1	PC18 UL1569W/GR	WIRE 18PC UL1569/1007 CSA TR64 .016
11	1	PC18 UL1569W/BK	WIRE 18PC UL1569/1007 CSA TR64 .016
10	1	PC18 UL1569W/BL	WIRE 18PC UL1569/1007 CSA TR64 .016
9	1	PC18 UL1569 VIO	WIRE 18PC UL1569/1007 CSA TR64 .016
8	1	PC18 UL1569 GRN	WIRE 18PC UL1569/1007 CSA TR64 .016
7	1	PC18 UL1569 YEL	WIRE 18PC UL1569/1007 CSA TR64 .016
6	1	PC18 UL1569 ORG	WIRE 18PC UL1569/1007 CSA TR64 .016
4	1	PC18 UL1569 RED	WIRE 18PC UL1569/1007 CSA TR64 .016
3	1	PC18 UL1569 GRY	WIRE 18PC UL1569/1007 CSA TR64 .016
2	1	PC18 UL1569 WHT	WIRE 18PC UL1569/1007 CSA TR64 .016
1	1	PC18 UL1569 BLK	WIRE 18PC UL1569/1007 CSA TR64 .016
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	
PART NUMBER		SP16-E-150-12-PC18-X-Y	
0430		REVISION LEVEL	V
		PROJECTION	