



ITEM	PART NUMBER	DESCRIPTION	QTY
1	003-101-013-001	CONNECTOR ACCY, HOUSING #16 PG11	1
2	020-903-200-200	HARDWARE, O-RING CONNECTOR, HOUSING	1
3	031-002-060-011	SWITCH, A2B (NEW STYLE) WITH CRIMP	1
4	031-300-100-722	SWITCH ACCY, A2B, FLAG, RETAINER W/DECAL	1
5	000-214-261-109	STRAIN RELIEF ACCY, REDUCER, PG 11-9	1
6	021-441-060-409	STRAIN RELIEF, PG 9, 4-6mm, YELLOW	1
7	123-429-900-400	CONNECTOR ACCY, CAP & CHAIN, #16	1
8	031-300-100-110	ELECTRICAL, CONDUIT, 1/4", BLACK, FLEX,	12'
9	031-300-100-447	SCREW, SLOTTED 3mm X 5mm, MACHINE	1
10	031-300-100-393	CONNECTOR, CANNON 2 SOCKET PLUG 16-4S	1

NOTES:

- 1 OUTER SHIELD GROUNDED AT STRAIN RELIEF INSERT
- 2 SOLDER AN INSULATED WIRE TO INNER SHIELD AND CONNECTED AS SHOWN.
- 3 CUT AND INSULATE INNER SHIELD/WIRE
- 4 COVER ALL SOLDERED CONNECTIONS WITH 1/8" HEATSHRINK TUBING (COLEFLEX STS221 OR EQUIVALENT)
- 5 ADD DIELECTRIC LUBRICANT (e.g. NYOGEL 759G) TO INSIDE OF RECEPTACLES, PLUGS, AND ELECTRICAL CONNECTORS, TO IMPROVE PROTECTION AGAINST CORROSION AND MAL-FUNCTION DUE TO CONDENSATION.

IS = INNER SHIELD

				<b>PAT AMERICA, Inc.</b> 1665 ORCHARD DRIVE CHAMBERSBURG, PA 17201				<b>A2B SWITCH ASSEMBLY</b> <b>12' WITH 2 SOCKET PLUG</b>			
				GENERAL TOLERANCES X.XX = 0.01 X.XXX = 0.005		P/N 031-300-100-507		DRAWN CHRIS HERTZLER 12/31/93		APPROVED CHRIS HERTZLER 05/12/97	
REV	ECN	DESCRIPTION	BY	APV	DATE	SCALE:	NONE	SHEET:	1 OF 1		
C	00-100	ADD NOTES, CONTR & CAP/CHAIN DRAWN WRONG(DWG ONLY)	CSH	CSH	07/14/00	SIZE	DWG NO.				
B	97-221	CORRECT WIRING A TO 2; 1 NOT USED	CSH	CSH	07/08/97	A 031 300 10 0507 C					
A	97-136	CHG TITLE BLK	CSH	CSH	05/12/97	PAT America Inc. reserves proprietary rights to this drawing and to the data shown thereon. The drawing and data are confidential and are not to be used or reproduced without the written consent of PAT America Inc. This drawing is subject to technical modification without prior notice.					
						C.A.G.E. 79760					