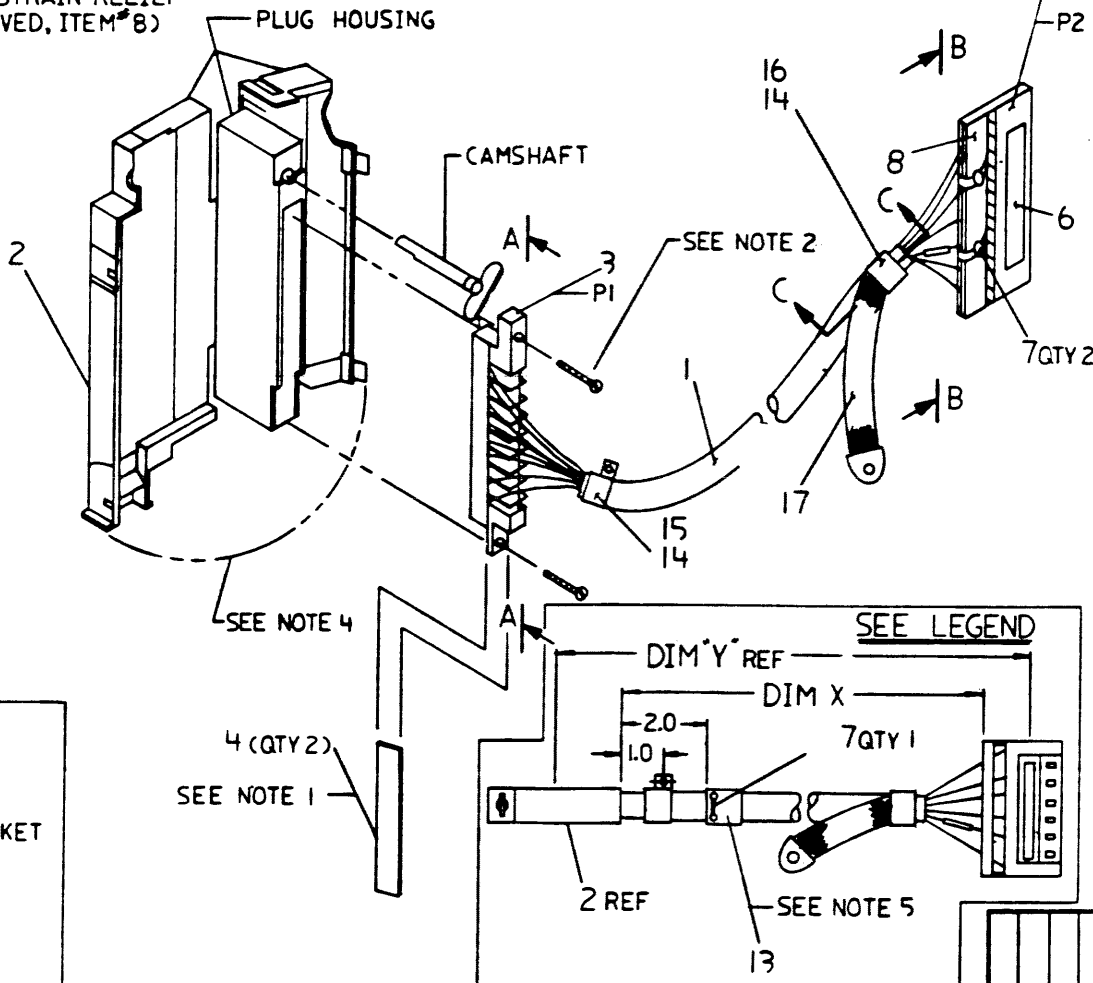
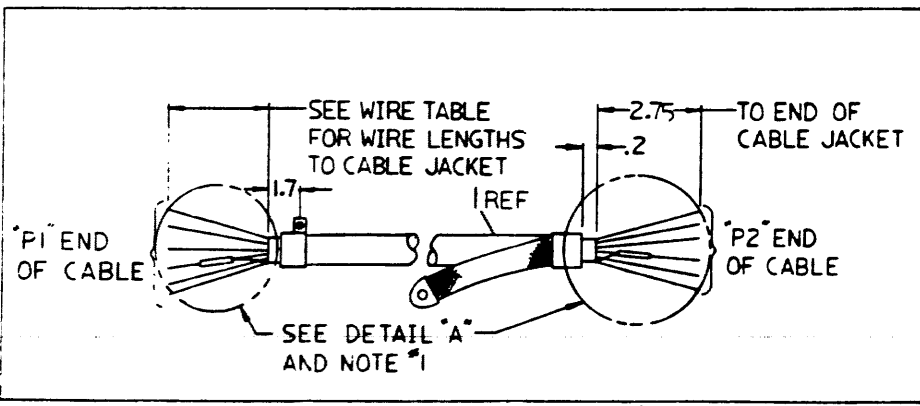
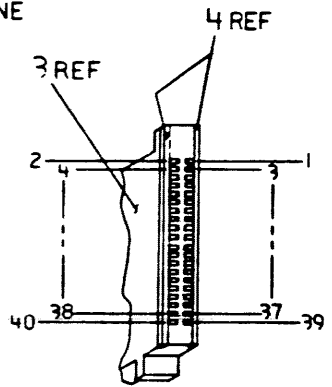
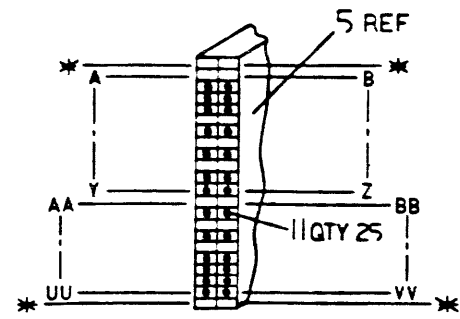
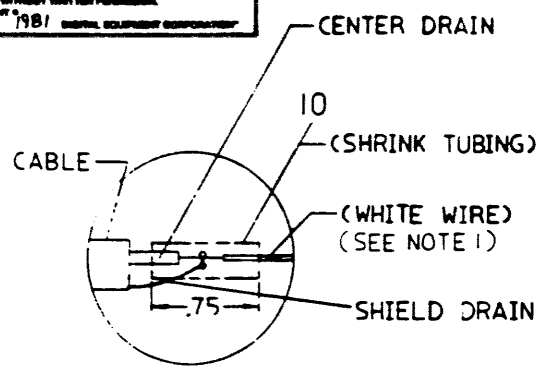


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LEGEND		
NUMBER	DIM X VARIATION	DIM Y (PRECUT) REF
BC80M-06	6FT-0IN ±2IN	6FT-8.0 IN
BC80M-10	10FT-0IN ±2IN	10FT-8.0 IN
BC80M-15	15FT-0IN ±2IN	15FT-8.0 IN
BC80M-25	25FT-0IN ±3IN	25FT-10.5 IN
BC80M-50	50FT-0IN ±3IN	50FT-10.5 IN
BC80M-A3	100FT-0IN ±3IN	100FT-10.5 IN
BC80M-12	12FT-0IN ±2IN	12FT-8.0 IN

NOTES:
FOR NOTES SEE SHEET 2

FOR WIRE TABLE SEE SHEET 2

CAUTION: OFF SHEET PARTS LIST EXISTS.
SEE K-PL-BC80M-0-DBP

REV.	DATE	BY	INITIAL	DESCRIPTION
1	10/1/81	John Smith	JS	INITIAL
2	10/1/81	John Smith	JS	BC80M-0-0
3	10/1/81	John Smith	JS	BC80M-0-0
4	10/1/81	John Smith	JS	BC80M-0-0
5	10/1/81	John Smith	JS	BC80M-0-0
6	10/1/81	John Smith	JS	BC80M-0-0
7	10/1/81	John Smith	JS	BC80M-0-0
8	10/1/81	John Smith	JS	BC80M-0-0

DESCRIPTION		DRAWING NO.		PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
INCHES TOLERANCES		ANGLES ±30°		APPROPRIATE DIMENSION RANGE (CHECK ONE)		DIMENSION RANGE IN INCHES	
X = ±.1		SURFACE QUALITY		OVER 0 TO 0.2		OVER 0.2 TO 0.5	
XX = ±.05		✓		0.2 TO 0.5		0.5 TO 1.0	
XXX = ±.025		✓		0.5 TO 1.0		1.0 TO 2.0	
QUANTITY & VARIATION		THIRD ANGLE PROJECTION		DATE		TITLE	
DO NOT SCALE DRAWING		DO NOT SCALE DRAWING		15 JULY 81		I/O CABLE (BC80M)	
REMOVE BURRS AND BREAK SHARP CORNERS		REMOVE BURRS AND BREAK SHARP CORNERS		DATE		DATE	
SEE PARTS LIST		SEE PARTS LIST		14 SEP 81		14 SEP 81	
MATERIAL		MATERIAL		DATE		DATE	
FINISH		FINISH		DATE		DATE	
DIGITAL		DIGITAL		DATE		DATE	
DUA		DUA		DATE		DATE	
BC80M-0-0		BC80M-0-0		DATE		DATE	
SCALE		SCALE		DATE		DATE	

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WIRE TABLE

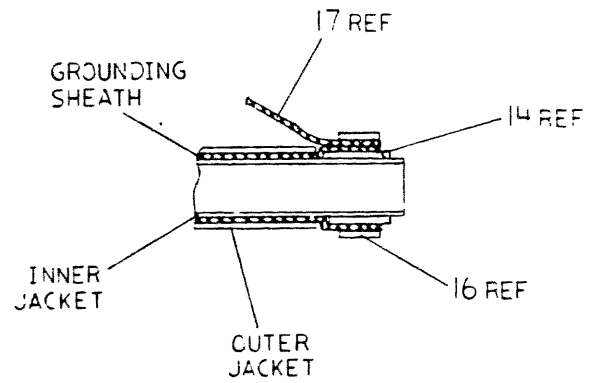
ITEM NO.	WIRE LENGTH TO CABLE JACKET	DESCRIPTION	FROM	TO	SIGNAL NAME	REMARKS
1			PI-1	P2-A		NO CONN
			PI-2	P2-B		
	2.50	RED	PI-3	P2-C	DRV ERR +	
	2.50	TWP WHT/RED	PI-4	P2-D	DRV ERR -	
	2.38	RED	PI-5	P2-E	DRV RDY +	
	2.38	TWP WHT/GRN	PI-6	P2-F	DRV RDY -	
	2.25	RED	PI-7	P2-H	SEC PLS +	
	2.25	TWP WHT/ORN	PI-8	P2-J	SEC PLS -	
			PI-9	P2-K		NO CONN
			PI-10	P2-L		
	2.00	RED	PI-11	P2-M	STAT CLK +	
	2.00	TWP WHT/YEL	PI-12	P2-N	STAT CLK -	
			PI-13	P2-P		NO CONN
			PI-14	P2-R		
	1.75	RED	PI-15	P2-S	STAT IN +	
	1.75	TWP WHT/BLK/RED	PI-16	P2-T	STAT IN -	
			PI-17	P2-U		NO CONN
			PI-18	P2-V		
	1.62	RED	PI-19	P2-W	READ DATA +	
	1.62	TWP WHT/BLK/ORN	PI-20	P2-X	READ DATA -	
	1.50	RED	PI-21	P2-Y	DRIVE CMND +	
1	1.50	TWP WHT/BLK/BLU	PI-22	P2-Z	DRIVE CMND -	

WIRE TABLE

ITEM NO.	WIRE LENGTH TO CABLE JACKET	DESCRIPTION	FROM	TO	SIGNAL NAME	REMARKS
1			PI-23	P2-AA		NO CONN
			PI-24	P2-BB		
	.38	RED	PI-25	P2-CC	WRT DATA -	
	.38	TWP WHT/BLK/BRN	PI-26	P2-DD	WRT DATA +	
			PI-27	P2-EE		NO CONN
			PI-28	P2-FF		
	1.25	RED	PI-29	P2-HH	SYS CLK -	
	1.25	TWP WHT/GRN/RED	PI-30	P2-JJ	SYS CLK +	
			PI-31	P2-KK		NO CONN
			PI-32	P2-LL		
	.18	RED	PI-33	P2-MM	WRT GATE -	
	.18	TWP WHT/GRN/BLU	PI-34	P2-NN	WRT GATE +	
	1.00	RED	PI-35	P2-PP	DR. SEL -	
	1.00	TWP WHT/GRN/YEL	PI-36	P2-RR	DR. SEL +	
	.88	RED	PI-37	P2-SS	DR. SEL 0 -	
	.88	TWP WHT/GRN/BRN	PI-38	P2-TT	DR. SEL 0 +	
	.75	YEL	PI-39	P2-UU	DC CK	
1	1.75	BLK	PI-40	P2-VV	GND	SEE NOTE 1

NOTES:

1. THE DRAIN WIRE AND INNER GND WIRE MUST BE PREPARED AS FOLLOWS BEFORE TERMINATING CABLE TO PLUG ON BOTH ENDS OF WIRE.
A. CUT BACK THE CENTER BLACK GND WIRE 0.4±0.1 INCH ABOVE JACKET, STRIP END 0.25±.06 INCH.
B. FIND AND SEPARATE THE SOLID WHITE AND YELLOW PAIRED WIRES. CUT THE WHITE WIRE FLUSH WITH JACKET. STRIP END OF LOOSE WHITE WIRE 0.25±.06 INCH.
C. POSITION STRIPPED END OF WHITE WIRE PARALLEL TO THE STRIPPED END OF THE BLACK GND WIRE.
D. WRAP THE DRAIN WIRE AROUND THE STRIPPED END OF THE BLACK AND WHITE WIRE 2-4 TIMES. SOLDER WIRE SPLICE AND CUT OFF END OF DRAIN FLUSH WITH SPLICE.
E. COVER SPLICE WITH 0.5±.06 INCH OF SHRINK TUBING, ITEM 4, TWIST THE WHITE AND YELLOW WIRES (PREVIOUSLY SEPARATED) BACK TOGETHER FOR APPROXIMATELY (3) THREE INCHES.
2. SCREWS (2 X 3LG SELF TAPPING) ARE PART OF PLUG HOUSING AND CAMSHAFT KIT (ITEM*2).
3. REF ONLY CONTACT (DEC PART NO. 1211591-27) FOR REPLACEMENT ONLY.
4. PRIOR TO SNAPPING SIDES OF PLUG HOUSING TOGETHER CARE SHOULD BE TAKEN TO ASSURE THAT ALL WIRES ARE SUFFICIENTLY WITHIN HOUSING TO PREVENT PINCHING OF INDIVIDUAL STRANDS.
5. CABLE TO BE MARKED WITH PART NUMBER BC80M AND REV IN AREA SHOWN.
6. * DENOTES CAVITIES NOT TO BE USED OR DESIGNATED BY LETTERS.



SECTION C-C
SCALE: NONE

REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE I/O CABLE
(BC80M)

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV
DUA	BC80M-0-0	C
SCALE		SHEET 2 OF 2