



NOTE:-

- ⊙ INDICATES EXTERNAL CONNECTION POINTS ON CARD.
- ⊙ INDICATES PIN POINTS (FOR SOLDERING COMPONENTS).
- PIN NOS FOR SOLDERING COMPONENTS AND CONNECTING WIRES ARE INDICATED ON CARD.
- THIN COAT OF PCB PROTECTIVE COATING TO BE APPLIED TO BE 5305 TO BE APPLIED ON COMPONENT SIDE AFTER ASSY AND TESTING.
- FASTENERS TO BE ZINC PLATED TO Ø.019TK & PASSIVATED TO PR.SP.AA0673603 & AA0673604 RES'Y.
- ITEMS MARKED WITH * ARE TO BE TAKEN FROM FRAME ASSY. 16702300018 EXCEPT FOR SPARE CARD ASSY.
- CLOCKWISE ROTATION OF ALL POTENTIOMETERS TO INCREASE OHMS.
- FOR DMC CARDS:
AFTER ASSY & TESTING APPLY THIN COAT OF PARALOID B66 ACRYLIC RESIN, (30%) SOLUTION IN XYLENE (70%) OR EQUIVALENT ON THE COMPONENT MOUNTED ON DMC CARDS, WITH A BRUSH.

VAR. NO.	REMARKS	VAR. NO.	ITEM NO.	DESCRIPTION	DRWG. NO.	MATL. CODE	MATL. SPECN.	UNIT WT.	QTY.	ZONE
003		031		LABEL 10x30 LG						
						ST 801487				
006	*	030		WASHER SPG. SC R4 ST		BP7164001944				
004	*	029		WASHER SPG. SC R5 ST		BP7164001936				
005	*	028		WASHER MCD 4.3 ST		AA7161001021				
004	*	027		WASHER MCD 5.3 ST		AA7161001030				
006	*	026		NUT HEX P M4-8		AA7151102020				
002	*	025		NUT HEX P M5-8		AA7151102038				
006		024		SCRU SLT HEX RP M4X12-4.8		BP7121105905				
002	*	023		SCRU SLT HEX RP M5X12-4.8		BP7121105910				
002	*	022		SCRU SLT HEX RP M5X25-4.8		BP7121105908				
008	*	021		SELF TAPPING SCRU NO. 4X6LG		BP9007544460				
003	*	020		HEAT SINK FOR IT. Ø15&Ø16	46702300010	001 BP9047514602				
001	WITH LOCKNUT	019		POT. METER 500 OHMS ±10% 2 1/4W	MLR	BP9047537031				
002	WITH LOCKNUT	018		POT. METER 25K OHMS ±10% 2 1/4W	BKMR, BKLR	BP9047537060				
002	C4, C5	017		ELECT. CAPACITOR 22mf 100v.		BP9047654846				
002	ZD2, ZD3	016		ZENER DIODE 3Z20A		AA7465130204				
001	ZD1	015		ZENER DIODE 3Z24A		AA7465130220				
011	RD9, RD10, RD11 TO RD13	014		DIODE TYPE BY 127		AA7465101129				
002	R14, R15	013		RESISTOR 4.7K 1W		BP9047650514				
001	R13	012		RESISTOR 300 OHMS ±5% 10W		AA7460310026				
001	R12	011		RESISTOR 600 OHMS ±5% 5W		BP9047651545				
001	R11	010		RESISTOR 1.2K ±5% 10W		AA7460310150				
001	R10	009		RESISTOR 200 OHMS ±5% 3W		BP9047651065				
A5 REQD.		008		WIRE 19/Ø.127 (24AWG), PTFE CABLE		BP9591331030				
001	*	007		COVER ASSY.	26702300009	02 BP9087512171				
001	*	006		INDICATING PLATE 186	26702300007	006 BP9027512485				
029		005		PIN, 2354-F2 (AFCOSET)		BP9047555015				
010		004		CONTACT MALE	46702300005	001 BP9087556705				
001	*	003		SHROUD	36702900014	001 BP9047511042				
001	*	002		HANDLE	46702300007	001 BP9087511353				
001	*	001		CARD BLANK	16702300017	00 BP9047511018				

THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

INVENTORY NO. 16702300006
SIGN. & DATE: REF. DRG. NO. V.00

COMPUTER DRAWING FILE: PK5109.OP

REV. 04	DATE 27-4-93	ALTP. BY DRG. 11	EXP. BY DRG. 11	REV. 03	DATE 5-6-97	ALTP. BY DRG. 11	EXP. BY DRG. 11	REV. 02	DATE 30-11-94	ALTP. BY DRG. 11	EXP. BY DRG. 11	REV. 01	DATE 30-9-90	ALTP. BY DRG. 11	EXP. BY DRG. 11
VOLTAGE RATING OF 1.617 WAS 25 V. DRG. NO. 1210032 WIRE 4 SELECTED NOTE 4 ADDED				DRG. NO. FOR ITEM 029 WAS 46702300018 ITEM 002				ITEM 031 ADDED. QTY OF ITEM 021 WAS 2. NOTE 5 MODIFIED.				ITEM 019 WAS DOT. meter. 500k ohms ±10% 2 1/4 w.			

ADDITIONAL INFORMATION	186	STATUS OF DRAWING	M
DISTRIBUTION OF PRINTS	D C 1	RPM 1	OC 1
TX (RFM)	1		

TYPE OF PRODUCT	E TYPE		
OR NAME OF CUSTOMER/PROJECT	BHARAT HEAVY ELECTRICALS LIMITED BHOVAL		
DRN.	R.C.B.	SIGN.	DATE 15-4-87
CHD.	P.M.D.	SIGN.	15-4-87
APPD.	A.S.	SIGN.	12-6-89
REF. TO ASSY. DRG.	16702300019	ITEM NO.	031
SCALE	1:1	WEIGHT (kg)	1.500
TITLE	ASSY WIRING AND SCHEMATIC DIAGRAM OF MIXER REFERENCE CARD 186		
CARD CODE	DRAWING NO. 1 670 23 00022		
	SHEET NO. 01	NO. OF SHEETS. 01	SIZE A1