

HIGH VOLTAGE RECTIFIER DECK

MODEL AX103

REV

R

TITLE

USED ON
MODEL SECTION
GPT-10KLF

LIST SECTIONS

1. SUPPORTING NOTES
2. SUPPORTING LISTS
3. ELECTRICAL/MECHANICAL
4. SUPP ASSY/REF DWGS
5. SPECIFICATIONS
6. LOOSE ITEMS
7. PARTS PECULIAR

SHEET NO.

SEE BELOW
NONE REQ
1-11
12-13
14
NONE REQ
NONE REQ

LAST SYMBOLS

C601 R605
DS605 T605
E618 V605
F605 XF605
MP610 XV605
W630

COMPILED J. SABATINO
CHECKED R. HAY
APPROVED O. POSE
FNL APPR REV R *L. Gabel*
ISS DATE REV R 9-4-64

MISSING SYMBOLS

NONE

NOTE 1. THE FOLLOWING SYMBOL, #, IN THE REMARKS COLUMN INDICATES THAT THE PART NUMBER IMMEDIATELY FOLLOWING IT IS THE TMC PROPRIETARY MANUFACTURING DRAWING FOR THE CORRESPONDING NUMBER IN THE PART NUMBER COLUMN.

NOTE 2. ALL ITEMS REFERENCED TO THIS NOTE MUST BE USED IN CONJUNCTION WITH SPECIFICATION S848 FOR PROPER MARKING OF LEADS.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

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MODEL: AX103

SHEET 1 OF 14

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CD101-1MW	CD , NYLON , LACING	CA413					
CM35B103K	CAP. , FXD , MICA	A2309		1		C600	
		A2309		1	2	C601	
CU102-2	CLAMP , LOOP	AX103			5		
CU102-3	CLAMP , LOOP	AX103			2		
CU139-2B	FRL , HDL	AX103			4		
FH104-3	FUSEHOLDER , IND	A2308		1		XF600	DS 600
		A2308		1		XF601	R600 DS 601
		A2308		1		XF602	R601 DS 602
		A2308		1		XF603	R602 DS 603
		A2308		1		XF604	R603 DS 604
		A2308		1	6	XF605	R604 DS 605
		A2308		1			R605
FU102-1	FUSE , CTG , 1A	A2308		1		F600	
		A2308		1		F601	
		A2308		1		F602	
		A2308		1		F603	
		A2308		1		F604	
		A2308		1	6	F605	
FW04HBN	WASH. , FLAT	A2308			8		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
FW10HBN	WASH. ,FLAT	A1736		2X6	49		
		A1744		1X7			
		A2310		12			
		AX103		18			
FW25HBN	WASH. ,FLAT	A2311			6		
GA117	GASKET, RD	A1736		2X6	12		
GA140-12S6	GASKET, RD	A1744		2X7	14		
HA102-2BN	HDL, BOW	AX103			2		
HB102-1	CLIP ,ELEC	CA409-15		1	6	E600	
		CA409-15		1		E601	
		CA409-15		1		E602	
		CA409-15		1		E603	
		CA409-15		1		E604	
		CA409-15		1		E605	
LA107-2-365	SLV ,MARKER, CBL	CA413			1		NOTE 2
LA107-2-366	SLV ,MARKER, CBL	CA413			1		NOTE 2

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
LA107-9-92	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-121	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-194	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-312	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-313	SLV, MARKER, CBL	AX103			8		NOTE 2
LA107-9-314	SLV, MARKER, CBL	AX103			9		NOTE 2
LA107-9-315	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-316	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-317	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-319	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-321	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-323	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-325	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-329	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-330	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-331	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-332	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-333	SLV, MARKER, CBL	AX103			1		NOTE 2

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
LA107-9-334	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-335	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-336	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-337	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-338	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-339	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-340	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-341	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-342	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-343	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-344	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-345	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-346	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-347	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-348	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-349	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-350	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-351	SLV, MARKER, CBL	AX103			1		NOTE 2

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
LA107-9-352	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-353	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-354	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-355	SLV, MARKER, CBL	AX103			2		NOTE 2
LA107-9-356	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-357	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-358	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-359	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-360	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-361	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-9-362	SLV, MARKER, CBL	AX103			2		NOTE 2
LA107-9-363	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-12-364	SLV, MARKER, CBL	CA413			1		NOTE 2
LA107-13-311	SLV, MARKER, CBL	AX103			6		NOTE 2
LA107-13-318	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-13-319	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-13-320	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-13-321	SLV, MARKER, CBL	AX103			1		NOTE 2

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
LA107-13-322	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-13-323	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-13-324	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-13-325	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-13-326	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-13-327	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-13-328	SLV, MARKER, CBL	AX103			1		NOTE 2
LA107-13-329	SLV, MARKER, CBL	AX103			1		NOTE 2
LD467/MS1411	PNL, REAR	A2309			1		
LD468/MS1412	CHAS, MAIN	A2311			1		
LD491/MS1410	PNL, FRONT	A2308			1		
LD573/PX424	PL, MTG, HVR	A2310			1		
LWE04MRN	WASH., LK, EXT	A2308			8		
LWE10MRN	WASH., LK, EXT	A1736		2X6			
		A1744		1X7			
		AX103		21			
		A2309		4			
		A2310		12			
		A2311		36	92		
LWS10MRN	WASH., LK, SPLIT	AX103			4		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
LWS25MRN	WASH. ,LK,SPLIT	A2311			12		
MS1410	PNL,FRONT	LD491			1		MACH
MS1411	PNL,REAR	LD467			1		MACH
MS1412	CHAS,MAIN	LD468			1		MACH
MWC22/7/U2	WIRE,ELEC,INS	CA413			73		
MWC22/7/U3	WIRE,ELEC,INS	CA413			59		
MWC22/7/U4	WIRE,ELEC,INS	CA413			48		
MWC22/7/U5	WIRE,ELEC,INS	CA413			40		
MWC22/7/U6	WIRE,ELEC,INS	CA143			67		
MWC22/7/U8	WIRE,ELEC,INS	CA413			82		
MWC22/7/U90	WIRE,ELEC,INS	CA413			30		
MWC22/7/U97	WIRE,ELEC,INS	CA143			119		
NS3W0308	INS,SANDOFF	A2309		1		MP600	
		A2309		1	2	MP601	
NS3W0432	INS,SANDOFF	A2311		1		MP602	
		A2311		1		MP603	
		A2311		1		MP604	
		A2311		1		MP605	
		A2311		1		MP606	
		A2311		1	6	MP607	

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
NS128-1	INS ,BOWL,RIB	A1736 A1744		2X6 2X7	26		
NT124	NUT,PLN,SPLINE	MS1410			2		
NTH0440BN8	NUT,PLN,HEX	A2308			8		
NTH0632BN8	NUT,PLN,HEX	A2309			1		
NTH1032BN12	NUT,PLN,HEX	A1736 A1744 AX103 A2309 A2310 A2311		2X6 1X7 19 2 12 36	88		
PM525	CONTACT,BUTTON	A1744		1X7	7		
PX370-4-7	INS SLVG,TEF	A1736 A1744		3X6 3X7	39		
PX370-8-7	INS SLVG,TEF	CA412-11 CA142-11 CA412-11 CA412-11 CA412-11 CA412-11 CA412-11 CA412-11 CA412-11		2 3 4 5X8 7X9 9 10 11 16	158		
PX424	PL,MTG,HVR	LD573			1		MACH
PX440	WINDOW,FR PNL	A2308			1	MP608	
PX562-2	BUSH.,TEFLON	A1736 A1744		1X6 1X7	13		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
SC139	SCR,EXT REL BODY	A2308		1		MP609	
		A2308		1	2	MP610	
SCBP0440BN10	SCR,MACH	A2308			8		
SCBP0632BN6	SCR,MACH	A2309			1		
SCBP1032BN8	SCR,MACH	A2309		2			
		AX103		2	4		
SCBP1032BN10	SCR,MACH	AX103			14		
S CBP1032BN24	SCR,MACH	A2310			12		
SCFP1032BN9	SCR,MACH	A2311			8		
SCHH1032BN12	BOLT,MACH	AX103			4		
SCHH2520BN9	BOLT,MACH	A2311			6		
SCHH2520BN14	BOLT,MACH	A2311			6		
SM156-1BN	STUD,PLAIN	A1736		1X6	6		
TE104-2	TERM. ,LUG-LKG	A2309			1		NO.6
TE104-4	TERM. ,LUG-LKG	A2309			4		NO.10
TE155-34170	TERM. ,LUG-INS	CA409-15		1X6			
		CA412-11		2X24	54		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TF201	XFMR,PWR,SD-FIL	A2311		1	6	T600	
		A2311		1		T601	
		A2311		1		T602	
		A2311		1		T603	
		A2311		1		T604	
		A2311		1		T605	
TS123-211-100	SOC,EL TUBE-4/C	A2310		1	6	XV600	
		A2310		1		XV601	
		A2310		1		XV602	
		A2310		1		XV603	
		A2310		1		XV604	
		A2310		1		XV605	
WA109-50	WASH.,NM	A2310			12		
WA109-55	WASH.,NM	A1744		2X7	26		
		A2311		12			
WA109-56	WASH.,NM	A1736		2X6	16		
		A2309		2			
		AX103		2			
WI126-2	WIRE,ELEC,HV	CA409-15		5X6	30		BLK
WL100-1	WIRE,ELEC,BUSS	CA412-11		2	158		SZ 10
		CA412-11		3		SZ 10	
		CA412-11		4		SZ 10	
		CA412-11		5X8		SZ 10	
		CA412-11		7X9		SZ 10	
		CA412-11		9		SZ 10	
		CA412-11		10		SZ 10	
		CA412-11		11		SZ 10	
		CA412-11		16		SZ 10	

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
872A	ELECTRON TUBE	A2310		1	6	V600	RECTIFIER
		A2310		1		V601	RECTIFIER
		A2310		1		V602	RECTIFIER
		A2310		1		V603	RECTIFIER
		A2310		1		V604	RECTIFIER
		A2310		1		V605	RECTIFIER

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			ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS										
PART NO.	DESCRIPTION SUPP ASSY/REF DWGS	USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT														
A2308	PNL ASSY,FR	AX103			1													
A2309	PNL ASSY,REAR	AX103			1													
A2310	BD ASSY,TUBE SOC	A2311			1													
A2311	CHAS ASSY,MAIN	AX103			1													
AX152	INS.,FDTHRU	A2311		1		E613	#A1736											
		A2311		1		E614	#A1736											
		A2311		1		E615	#A1736											
		A2311		1		E616	#A1736											
		A2311		1		E617	#A1736											
		A2311		1	6	E618	#A1736											
AX172	CONTACT,INS	A2309		1		E606	#A1744											
		A2309		1		E607	#A1744											
		A2309		1		E608	#A1744											
		A2309		1		E609	#A1744											
		A2309		1		E610	#A1744											
		A2309		1		E611	#A1744											
		A2309		1	7	E612	#A1744											
CA409-15-4.75	LEAD,ELEC	A2311		1		W600	NOTE 2											
		A2311		1		W601	NOTE 2											
		A2311		1		W602	NOTE 2											
		A2311		1		W603	NOTE 2											
		A2311		1		W604	NOTE 2											
		A2311		1	6	W605	NOTE 2											
CA412-11-1.75	LEAD,ELEC	A2311		1		W606	NOTE 2											
CA412-11-2.50	LEAD,ELEC	A2311		1		W607	NOTE 2											
CA412-11-4.00	LEAD,ELEC	A2311		1		W608	NOTE 2											

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PART NO.	DESCRIPTION SUPP ASSY/REF DWGS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CA412-11-5.00	LEAD,ELEC	A2310		1		W609	NOTE 2
		A2310		1		W610	NOTE 2
		A2310		1		W611	NOTE 2
		A2310		1		W612	NOTE 2
		A2310		1		W613	NOTE 2
		A2310		1		W614	NOTE 2
		A2311		1		W615	NOTE 2
		A2311		1	8	W616	NOTE 2
CA412-11-7.00	LEAD,ELEC	A2310		1		W617	NOTE 2
		A2310		1		W618	NOTE 2
		A2310		1		W619	NOTE 2
		A2310		1		W620	NOTE 2
		A2310		1		W621	NOTE 2
		A2310		1		W622	NOTE 2
		A2311		1		W623	NOTE 2
		A2311		1		W624	NOTE 2
		A2311		1	9	W625	NOTE 2
CA412-11-9.00	LEAD,ELEC	A2311			1	W629	NOTE 2
CA412-11-10.00	LEAD,ELEC	A2311			1	W626	NOTE 2
CA412-11-11.00	LEAD,ELEC	A2311			1	W627	NOTE 2
CA412-11-15.50	LEAD,ELEC	A2311			1	W628	NOTE 2
CA413	WRG HARN,BRCHD	AX103			1	W630	NOTE 2
CH283	CHART,UNIT BKDN	AX103			1		
CK391	DIAG,SCHEM	AX103			1		

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PART NO.	DESCRIPTION SPECIFICATIONS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
S114	ZN CHROMATE PRM	MS1410					
S115	ENAM, SMOOTH GY	MS1410					
S404	IRIDITE, YEL	MS1410 MS1411 MS1422					
S848	CBL MARKING	AX103					

