

MATERIAL LIST

TOTAL SHEETS 17

FOR

REVISION A

TMC MODEL - AR166

TITLE- RELAY PNL ASSY

USED ON
MODEL -

GPT-10KLF

CONSISTS OF
SUPPORTING LISTS

COMPILED A. KLEIN
CHECKED _____
ENG APPR _____
FNL APPR J. SABATINO
ISS DATE 10/25/66

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PART NUMBER	DESCRIPTION	USED ON	QUANTITY	QUANTITY PER UNIT	REFERENCE SYMBOLS	SPECIAL NOTES REFER TO S 1200
A-1720	TE0175 ASSY	TE0175	0	*		
A-1805	CDV ASSY,REL	AR166	1	1*		
A-2914	PNL ASSY,REL	AR166	1	1*		
A-2915	PNL ASSY,MAIN	AR166	1	1*		
A-2916	PNL ASSY,FUSE	AR166	1	1*		
AR168	REL,ARM.ASSY	A-2914	1	1*		
AR169	REL,ARM.ASSY	A-2914	1	1*		
AR170	REL,ARM.ASSY	A-2914	1	1*		
AR171	REL,ARM.ASSY	A-2914	1	1*		
AR172	REL,ARM.ASSY	A-2914	1	1*		
AR173	REL,ARM.ASSY	A-2914	1	1*		
AR178	REL,ARM.ASSY	A-2914	1	1*		
AR179	REL,ARM.ASSY	A-2914	1	1*		
AR180	REL,ARM.ASSY	A-2914	1	1*		
BB101	BUSH.,MACH THD	A-2916	1	1*		
BI103-2	LAMP,GLOW	A-2915	1		1700	
		A-2915	1		1701	
		A-2915	1		1702	
		A-2915	1		1703	
		A-2915	1		1704	
		A-2915	1	6*	1705	

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BS100	SOLDER, TIN ALY	A-2915 A-2916 AR166 AR168 AR169 AR170 AR171 AR172 AR173 AR178 AR179 AR180				
CA0409-78-3.25	LEAD, ELEC	A-2915		*		
CA0887	WRG HARN, MAIN	AR166	1	1*		
CA1009	WRG HARN, BRCHD	AR168	1	1*		
CA1010	WRG HARN, BRCHD	AR173	1	1*		
CA1011	WRG HARN, BRCHD	AR172	1	1*		
CA1012	WRG HARN, BRCHD	AR171	1	1*		
CA1013	WRG HARN, BRCHD	AR170	1	1*		
CA1014	WRG HARN, BRCHD	AR169	1	1*		
CA1224	WRG HARN, BRCHD	AR180	1	1*		
CA1225	WRG HARN, BRCHD	AR179	1	1*		
CA1226	WRG HARN, BRCHD	AR178	1	1*		
CC100-16	CAP., FXD, CER	A-2915	1	1*	C702	

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CD101-1	CD, NYLON, LACNG	CA0887		*		
CD101-1MW	CD, NYLON, LACNG	CA1009 CA1010 CA1011 CA1012 CA1013 CA1014 CA1224 CA1225 CA1226		*		
CE63F500G	CAP., FXD, ELECT	A-2915 A-2915 A-2915	1 1 1	3*	C700 C701 C703	
CH421	CHART, UNIT BKD	AR166	1	1*		
CU102-11	CLAMP, LOOP	A-2915	1	1*		
CU102-5	CLAMP, LOOP	A-2915	1	1*		
CU102-6	CLAMP, LOOP	A-2915	1	1*		
FH104-3	FUSEHOLDER, IND	A-2916 A-2916 A-2916 A-2916 A-2916 A-2916 A-2916	1 1 1 1 1 1 1	6*	XF700 XF701 XF702 XF703 XF704 XF705	
FU102-1	FUSE, CTG	A-2916	1	1*	F704	
FU102-10	FUSE, CTG	A-2916 A-2916 A-2916	1 1 1	3*	F700 F701 F702	

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FU102-15	FUSE, CTG	A-2916	1	1*	F705	
FU102-5	FUSE, CTG	A-2916	1	1*	F703	
FW04HBN	WASH., FLAT	A-2914	12			
		A-2915	6	18*		
FW06HBN	WASH., FLAT	A-2915	7			
		AR180	4			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1	17*		
FW25HBN	WASH., FLAT	AR166	2	2*		
GL101-1	ADHESIVE-PLIO	A-1805		*		
HWC16/19/U2	WIRE, ELEC, INS	CA1009	8			
		CA1010	11	19*		
HWC16/19/U4	WIRE, ELEC, INS	CA1224	9	9*		
HWC16/19/U9	WIRE, ELEC, INS	CA1009	9			
		CA1010	9			
		CA1224	10	28*		
HWC18/16/U2	WIRE, ELEC, INS	CA0887	63	63*		
HWC18/16/U4	WIRE, ELEC, INS	CA0887	70	70*		
HWC18/16/U9	WIRE, ELEC, INS	CA0887	19	19*		
IM179-12	INS SH, ELEC	A-1805	1	1*		

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IM180	INS, MTG, CAP.	A-2915	3	3*		
LA101	BAND, MKR, CBL	CA1009	4			
		CA1010	8			
		CA1011	10			
		CA1012	8			
		CA1013	8			
		CA1014	6			
		CA1224	8			
		CA1225	8			
		CA1226	6	66*		
LD0522/MS1518	BRKT, FUSE	A-2916	1	1*		
LD1520/MS3779	PNL, MAIN	A-2915	1	1*		
LD1521/MS3778	PNL, MTG, REL	A-2914	1	1*		
LWE04MRN	WASH., LK, EXT	A-2914	36			
		A-2915	30			
		AR166	12	78*		
LWE06MRN	WASH., LK, EXT	A-1805	2			
		A-2915	15			
		AR180	4			
		TE0175	2			
		TE0175	2			
		TE0175	2			
		TE0175	2			
		TE0175	2			
		TE0175	2	33*		
LWS25HBN	WASH., LK, SPLIT	AR166	2	2*		
MR125-2	MTR, TIME TOTAL	A-2915	1		M700	18
		A-2915	1	2*	M702	18

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MR125-2-50	MTR, TIME TOTAL	A-2915	1		M700	17
		A-2915	1	2*	M702	17
MS0154-1	PL, MTG, TERM. BD	A-2915	12	12*		
MS1510	PL, MTG, RECP	AR166	1	1*		
MS1518	BRKT, FUSE	LD0522/MS1518	1	1*		
MS1576	PL, MTG, REL	AR178	1	1*		
MS1631	COV, PNL, REL	A-1805	1	1*		
MS1664	PL, BRKT, MTG	A-1805	1	1*		
MS3102A229P	CONN, RECP, ML	CA0887	1	1*	J701	
MS3102A327P	CONN, RECP, ML	CA0887	1	1*	J700	
MS3778	PNL, MTG, REL	LD1521/MS3778	1	1*		
MS3779	PNL, MAIN	LD1520/MS3779	1	1*		
MWC16/19/U6	WIRE, ELEC, INS	CA0887	23	23*		
MWC16/19/U8	WIRE, ELEC, INS	CA0887	25	25*		
MWC16/19/U9	WIRE, ELEC, INS	AR166	3			
		AR166	3	6*		
MWC16/19/U91	WIRE, ELEC, INS	AR166	5	5*		
MWC16/19/U97	WIRE, ELEC, INS	CA0887	12	12*		
MWC16/19/U98	WIRE, ELEC, INS	CA0887	25	25*		
MWC18/16/U1	WIRE, ELEC, INS	CA0887	102			

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		CA1225	19	121*		
MWC18/16/U3	WIRE,ELEC,INS	CA0887	34	34*		
MWC18/16/U4	WIRE,ELEC,INS	CA0887	27			
		CA1009	7			
		CA1226	9	43*		
MWC18/16/U5	WIRE,ELEC,INS	CA0887	25			
		CA1010	11	36*		
MWC18/16/U6	WIRE,ELEC,INS	CA1009	7			
		CA1010	8	15*		
MWC18/16/U7	WIRE,ELEC,INS	CA0887	42	42*		
MWC18/16/U9	WIRE,ELEC,INS	CA0887	44			
		CA1010	9			
		CA1225	10	63*		
MWC18/16/U90	WIRE,ELEC,INS	CA0887	29	29*		
MWC18/16/U92	WIRE,ELEC,INS	CA1010	9	9*		
MWC18/16/U97	WIRE,ELEC,INS	CA1010	8	8*		
MWC20/7/U0	WIRE,ELEC,INS	CA0887	71			
		CA1011	12	83*		
MWC20/7/U1	WIRE,ELEC,INS	CA0887	121			
		CA1011	7			
		CA1012	9			
		CA1013	10			
		CA1014	7			
		CA1224	11			
		CA1226	11	176*		

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MWC20/7/U2	WIRE, ELEC, INS	CA1010 CA1011 CA1012 CA1013 CA1014 CA1225	9 22 7 9 6 11	64*		
MWC20/7/U3	WIRE, ELEC, INS	CA0887	35	35*		
MWC20/7/U4	WIRE, ELEC, INS	CA1011 CA1012 CA1013 CA1014 CA1224 CA1225	7 7 9 8 8 11	50*		
MWC20/7/U6	WIRE, ELEC, INS	CA0887 CA1011 CA1012 CA1013 CA1014 CA1224 CA1225 CA1226	26 22 9 10 6 8 10 13	104*		
MWC20/7/U7	WIRE, ELEC, INS	CA0887	51	51*		
MWC20/7/U9	WIRE, ELEC, INS	CA1012 CA1013 CA1014 CA1224 CA1226	6 11 6 8 12	43*		
MWC20/7/U90	WIRE, ELEC, INS	CA1011	11	11*		
MWC20/7/U91	WIRE, ELEC, INS	CA1011	8			

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MWC20/7/U92	WIRE, ELEC, INS	CA1012	9			
		CA1013	10			
		CA1224	10			
		CA1225	10			
		CA1226	10	57*		
		AR171	5			
MWC20/7/U94	WIRE, ELEC, INS	CA0887	10			
		CA1012	10			
		CA1013	10	35*		
		CA0887	95			
MWC20/7/U95	WIRE, ELEC, INS	CA1011	7			
		CA1012	8			
		CA1013	11			
		CA1014	9			
		CA1224	9			
		CA1225	12			
		CA1226	9	160*		
		CA0887	25	25*		
MWC20/7/U96	WIRE, ELEC, INS	CA1011	10	10*		
MWC22/7/U0	WIRE, ELEC, INS	AR166	5			
		AR166	5			
		CA0887	66	76*		
MWC22/7/U1	WIRE, ELEC, INS	CA0887	30	30*		
MWC22/7/U2	WIRE, ELEC, INS	AR166	3			
		CA0887	27	30*		
MWC22/7/U4	WIRE, ELEC, INS	CA0887	215	215*		
MWC22/7/U5	WIRE, ELEC, INS	AR166	2			

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		CA0887	46	48*		
MWC22/7/U6	WIRE, ELEC, INS	AR166 CA0887	10 56			
MWC22/7/U7	WIRE, ELEC, INS	CA0887	13	13*		
MWC22/7/U8	WIRE, ELEC, INS	CA0887	133	133*		
MWC22/7/U9	WIRE, ELEC, INS	CA0887	72	72*		
MWC22/7/U90	WIRE, ELEC, INS	AR166 CA0887	2 15			
MWC22/7/U91	WIRE, ELEC, INS	CA0887	30	30*		
MWC22/7/U92	WIRE, ELEC, INS	CA0887	45	45*		
MWC22/7/U93	WIRE, ELEC, INS	AR166 CA0887	3 71			
MWC22/7/U94	WIRE, ELEC, INS	CA0887	83	83*		
MWC22/7/U95	WIRE, ELEC, INS	CA0887	28	28*		
MWC22/7/U96	WIRE, ELEC, INS	CA0887	8	8*		
MWC22/7/U97	WIRE, ELEC, INS	CA0887	78	78*		
MWC22/7/U98	WIRE, ELEC, INS	CA0887	10	10*		
NS3W0104	INS, STANDOFF	A-2915	1	1*		
NTC2520SSL	NUT, PLN, CAP.	AR166	2	2*		
NTH0440BN8	NUT, PLN, HEX	A-2915	36	36*		

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NTH0632BN10	NUT, PLN, HEX	A-2915	15			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1	21*		
NTH0632BN8	NUT, PLN, HEX	A-1805	2			
		AR166	4			
		AR180	4	10*		
NT124	NUT, PLN, SPLINE	AR166	2	2*		
NT129-440-6	NUT, PLN, SPLINE	A-2914	36	36*		
PX100-1-118	INS SLVG	CA0887	3	3*		
PX100-1-148	INS SLVG	CA0887	32			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1	38*		
PX100-1-186	INS SLVG	CA1225	3	3*		
PX100-1-315	INS SLVG	CA1009	2			
		CA1224	3	5*		
PX100-1-625	INS SLVG	CA0887	7	7*		
PX337-10	INS, TERM. BD	A-2915	1	1*		
PX337-14	INS, TERM. BD	A-2915	2	2*		

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PX337-8	INS, TERM. BD	A-2915	3	3*		
PX456	BD, MTG, REL	AR180	1	1*		
PX462	INS, SPACER	A-2916	1	1*		
PX463	BD, MTG, REL	AR168 AR173	1 1	1* 2*		
PX469	BD, MTG, CAP.	A-2915	3	3*		
RA107TXA1R0A	RES, VAR, WW-4W	A-2915	1	1*	R705	
RA75ASA501AK25	RES, VAR, WW-25W	A-2916	1	1*	R707	
RA75AXA101AK25	RES, VAR, WW-25W	A-2915	1	1*	R711	
RC42GF153J	RES, FXD, COMP	A-2915	1	1*	R700	
RC42GF224J	RES, FXD, COMP	A-2915 A-2915	1 1	1* 2*	R702 R713	
RC42GF301J	RES, FXD, COMP	A-2915	1	1*	R701	
RL122	REL, ARM.-LATCH	AR179	1	1*	K701	
RL123	REL, ARM.-LATCH	AR172	1	1*	K707	
RL124	REL, ARM.-LATCH	AR168 AR173	1 1	1* 2*	K703 K705	
RL125	REL, ARM.-LATCH	AR169	1	1*	K704	
RL126	REL, ARM.	AR178	1	1*	K700	
RL127	REL, ARM.-LATCH	AR170	1		K706	

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		AR171	1	2*	K708	
RL128	REL, ARM.-LATCH	AR180	1	1*	K702	
RV4LAYSAl53A	RES, VAR, COMP	A-2915	1	1*	R709	
RV4LAYSAl503A	RES, VAR-COMP	A-2915	1		R703	
		A-2915	1	2*	R712	
RW107-54	RES, FXD, WW-5W	A-2915	1	1*	R704	
RW109-19	RES, FXD, WW-10W	A-2915	1	1*	R706	
RW109-28	RES, FXD, WW-10W	A-2915	1	1*	R714	
RW109-4	RES, FXD, WW-10W	A-2915	1	1*	R710	
SCBP0440BN10	SCR, MACH	A-2915	24	24*		
SCBP0440BN6	SCR, MACH	A-2914	20			
		AR166	4	24*		
SCBP0440BN7	SCR, MACH	A-2914	16			
		AR166	4	20*		
SCBP0440BN8	SCR, MACH	AR166	4	4*		
SCBP0632BN10	SCR, MACH	A-2915	6	6*		
SCBP0632BN20	SCR, MACH	AR166	4			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1	10*		

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SCBP0632BN24	SCR, MACH	A-2915	1	1*		
SCBP0632BN36	SCR, MACH	A-2915	3	3*		
SCBP0632BN5	SCR, MACH	AR180	4	4*		
SCBP0632BN6	SCR, MACH	A-2915	9	9*		
SCBP0632BN8	SCR, MACH	A-2915	3	3*		
SCFP0440BN8	SCR, MACH	A-2915	6	6*		
SCFP0632BN3	SCR, MACH	AR168	4			
		AR173	4	8*		
SCFP0632BN4	SCR, MACH	AR178	4	4*		
SCFP0632BN7	SCR, MACH	A-1805	2	2*		
SCHH2520SS8	BOLT, MACH	AR166	2	2*		
SC128-0632-8	THUMBSCREW	AR166	4	4*		
SC139	SCR, EXT REL	AR166	2	2*		
SH102-1	MDUNT, RESIL	A-2915	4	4*		
S113	VARN, FUNG RES	PX469		*		
S114	ZN CHROM PRM	MS1631 MS3378 MS3779		*		
S115	ENAM, SM GY	MS1631 MS3378 MS3779		*		

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S404	IRIDITE, YEL	MS1510 MS1518 MS1576 MS1631 MS1664 MS3378 MS3779		*		
TE0120-2	TERM., LUG-SPAD	CA0887 CA1009 CA1010 CA1011 CA1012 CA1013 CA1014 CA1224 CA1225 CA1226	17 4 8 10 8 8 6 8 8 6			
TE0141-1	TERM., LUG	CA0409-78-3.25	2	2*		
TE0149-144	TERM., LUG	TE0175 TE0175 TE0175 TE0175 TE0175 TE0175	1 1 1 1 1 1			
TE0175	INS, FDTHRU	A-2915	6	6*		
TE0440AE18H	POST, ELEC-MECH	AR166	4	4*		
TE0632AE36H	POST, ELEC-MECH	AR166	4	4*		
TI101-5	TIMER, INTERVAL	A-2915	1	1*	M701	18
TI101-5-50	TIMER, INTERVAL	A-2915	1	1*	M701	17

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TM100-10	TERM. BD-BARR	A-2915	1	1*	E704	
TM100-14	TERM. BD-BARR	A-2915	1		E700	
		A-2915	1	2*	E705	
TM100-8	TERM. BD-BARR	A-2915	1		E701	
		A-2915	1		E702	
		A-2915	1	3*	E703	
TM117-11	TERM. BD-LUG	A-2915	3	3*		
TS137-7FB4	LIGHT, IND-CLR	A-2915	1		XI700	
		A-2915	1		XI701	
		A-2915	1		XI702	
		A-2915	1		XI703	
		A-2915	1		XI704	
		A-2915	1	6*	XI705	
WA101-6	WASH., NM	TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1	6*		
WA102-4	WASH., SHLD, NM	A-2915	8	8*		
WA109-36	WASH., NM	TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1			
		TE0175	1	6*		
WL100-7	WIRE, ELEC, BUSS	AR168	1			
		AR170	1			

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WL103-4 1/19/67 REV A	BRD, WIRE, FLAT EMN 17660	AR171	1			
		AR172	1			
		AR173	4			
		AR178	1			
		AR179	2			
		AR180	1	12*		
		CA0409-78-3.25	4	4*	*	