NOTES:

1. APPLICABLE STANDARDS/SPECIFICATIONS:
   A. MIL-STD-100G
   B. ASME Y14.5M-1994
2. ASTM E380 APPLIES. METHOD B SHALL BE USED IN CONVERTING AND ROUNDING OFF. 1 INCH=25.4mm APPLIES.
3. ALL WIRES ROUTED TO TB2 MUST BE OF SUFFICIENT LENGTH TO PRECLUDE INADVERTENT DISCONNECTION DURING INSTALLATION CAUSED BY NECESSARY FLEXING MAIN BODY DASH HARNESS DURING INSTALLATION.
4. BAND MARKERS IAW MIL-B-43436 SHALL BE IMPRESSION MARKED IAW MIL-STD-339 WITH CONNECTOR REFERENCE DESIGNATORS.
5. THE SCOPE AND GENERAL REQUIREMENTS FOR MANUFACTURING AND ACCEPTANCE OF ELECTRICAL CABLE ASSEMBLIES SHALL BE IAW DRAWING 12420908, EXCEPT NOTE NO. 7.E.3.
6. THIS NOTE INTENTIONALLY NOT USED.
7. THIS NOTE INTENTIONALLY NOT USED.
8. THIS NOTE INTENTIONALLY NOT USED.
9. EMC SHIELDING, WRAP FIND 25 OVER PARALLEL RUN OF FIND NO. 16 AND 24. WRAP FIND NO. 26 OVER FIND NO. 25.
10. LENGTHS WITHOUT TOLERANCES SPECIFIED ARE FOR REFERENCE ONLY AND SHALL NOT BE USED FOR INSPECTION PURPOSES.
11. TAPE SHALL BE IAW A-A-55809.

FIND NO.	QTY REQ'D	PART OR IDENTIFYING NUMBER	NOMENCLATURE OR DESCRIPTION	REFERENCE DESIGNATOR
26	A/R	AA55809-C0	TAPE ELECTRICAL	–
25	A/R	12422200	TAPE FOIL	–
24	3660mm	A-A-59551-B20J2T	WIRE ELECTRICAL, COPPER	–
23	1	12422733-002	TERMINAL BOOT	TL-15
22	1	12422733-001	TERMINAL BOOT	TL-16
21	400mm	12420957-001	SLEEVING, HEAT SHRINK	–
20	1	MS25036-117	TERMINAL, RING, 8 AWG, 5/16", INSULATED CRIMP	TL-20
19	6	M43436/1-2	BAND MARKERS	TL-13, TL-16, TL-18, TL-20, TL-21, TL-24
18	6	M43436/1-1	BAND MARKERS	TL-14, TL-15, TL-17, TL-19, TL-22, TL-25
17	3660mm	12423132-004	WIRE #14 AWG	CABLE #1
16	7320mm	12423132-007	WIRE #8 AWG	CABLE #2, CABLE#4, CABLE #3
15	–	–	–	–
14	1	12422682	DISTRIBUTION PANEL, 4 WAY	PD-2
13	1	12422681	DISTRIBUTION PANEL, 6 WAY	PD-1
12	10300mm	12420924-002	CONVOLUTED TUBING	CABLE#1, CABLE#2, CABLE#3, CABLE#4
11	1	12422680	CIRCUIT BREAKER, MAN. RESET, 40 AMP	CB11
10	1	MS25036-109	TERMINAL, RING, 14 AWG, 5/16", INSULATED, CRIMP	TL22
9	1	MS25036-108	TERMINAL, RING, 14 AWG, #10, INSULATED, CRIMP	TL-15
8	3	MS25036-103	TERMINAL, RING, 22-18 AWG, #10, INSULATED, CRIMP	TL-17, TL-19, TL-25
7	3	MS25036-116	TERMINAL, RING, 8 AWG, 1/4", INSULATED, CRIMP	TL-21, TL-23, TL-24
6	2	MS25036-115	TERMINAL, RING, 8 AWG, #10, INSULATED, CRIMP	TL-18, TL-16
5	1	12423654-004	CIRCUIT BREAKER, MAN. RESET, 20 AMP	CB10
4	1	12423654-003	CIRCUIT BREAKER, MAN. RESET, 15 AMP	CB8
3	1	12423654-002	CIRCUIT BREAKER MAN. RESET, 10 AMP	CB5
2	3	12423654-001	CIRCUIT BREAKER, MAN. RESET, 7.5 AMP	CB6, CB7, CB1
1	11	12420344	SPADE TERMINAL, INSULATED	TL-1 THRU 10 & TL-14

FIND NUMBER LIST (10)

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
—	—	INITIAL RELEASE –PRODUCT BASELINE– ERR SSS-U5733	—	—
G8 B8 B5 B5 A8	A	1) ADDED HEX NOTE 6 AND 7 2) ADDED HEX 7 TO FIND NO. 15 AND 16 3) ADDED CABLE #4 TO FIND NO. 16 REF. DES. 4) ADDED CABLE #3 TO FIND NO. 12 REF. DES. 5) ADDED HEX 6 TO FIND NO. 5, 4, 3, AND 2		
		REVISED IAW UR5809R1		
F8 B8 B7 B7 B7 B8 B6 B5 B4 B2		6) ADDED HEX NOTE 8 AND 9 7) ADDED FIND NO. 24, 25, & 26 8) FIND NO. 17 P.N. M16878/14KE9 WAS M1678/14KE9 9) FIND NO. 16 P.N. M16878/8BND2 WAS E53446 10) FIND NO. 15 P.N. M16878/8BND9 WAS E53446M 11) ADDED HEX 8 TO FIND NO. 17 12) FIND NO. 15 & 16 HEX 8 WS HEX 7 13) ADDED BALLON CALLOUT 24, 25, & 26 & HEX 9		J.NICHOLSON
		ERR SSS-U5809	02-04-17	ADJ J.N.
G9 B8 B8 B8 B7 D4 B8 B8 B7 B7 B5 A3 F8 C7 C8 E5 F4 F3 F1 C8 F8 C8 E4 A4 A2 E2	B	1) DELETED HEX NOTE 8 2) DELETED HEX 8 AT FIND NO. 15 3) DELETED HEX NOTE 8 AT FIND NO. 16 4) DELETED HEX NOTE 8 AT FIND NO. 17 5) CHANGED M16878/14BKE9 TO 12423132-004 FIND NO. 17 6) CHANGED CALLOUT 15 TO 16 7) DELETED FIND NO. 15 8) CHANGED 3660mm TO 7320mm FIND NO. 16 9) CHANGED M16878/8BND2 TO 12423132-007 FIND NO. 16 10) DELETED "RED" FROM DES. FIND NO. 16 11) ADDED CABLE #3 TO REF DES. FIND NO. 16 12) ADDED 57K2013 TO NEXT ASSY. 13) ADDED HEX NOTE 10 14) CHANGED PART NO. HH-I-595-B-66-0 TO AA55809-C0 15) DELETED 2X AT FIND NO. 21 16) DELETED 2X AT FIND NO. 21 17) DELETED 2X AT FIND NO. 21 18) DELETED 2X AT FIND NO. 21 19) DELETED 2X AT FIND NO. 21 20) REVISED NOTE 5 21) ADDED HEX NOTE 11 22) ADDED HEX NOTE 11 23) DELETED REF. AT FIND NO 24 23) CHANGED DISTRIBUTION STATEMENT A TO DISTRIBUTION STATEMENT C 24) CHANGED CONTRACT NO. TO DAAE07-99-C-S030 25) DELETED REF. FROM FIND NO. 24		P.NGUYEN
		ERR SSS-U7517	03-05-09	AWT J.B
G8 F8 F5 D5 D5 D5 D5 A1 A3	C	ADDED SHEET 2 1) REMOVED HEX NOTE 6 2) REMOVED HEX NOTE 7 3) A-A-59551-B20J2T WAS WRXX-.5DRN 4) 12423654-004 WAS 223-20-400 5) 12423654-003 WAS 223-15-400 6) 12423654-002 WAS 223-10-400 7) 12423654-001 WAS 223-7.5-400 8) SHEET 1 OF 2 WAS 1 9) ADDED FMTV A1/A1R TO USED ON BLK		L.RODNEY
		ERR SSS-U7567	2004-02-05	LJR SEW

			C	C
			SHEET 2	SHEET 1

REVISION STATUS OF SHEETS

METRIC

DISTRIBUTION STATEMENT C:
DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR CONTRACTORS.
REASON: ADMINISTRATIVE OR OPERATIONAL USE.
DATE OF DETERMINATION: 2004-02-05
OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO THE U.S. ARMY TANK AUTOMOTIVE AND ARMAMENTS COMMAND, ATTN: SFAE-CSS-MT. WARREN, MICHIGAN 48397-5000.

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MECHANICAL PROPERTIES: VP, TS, EL2, RA, BH, RH

FMC A

57K2013	FMTV A1/A1R
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ON
1 PLACE ± — 2 PLACE ± —

THIRD ANGLE PROJECTION

CONTRACT NUMBER: DAAE07-99-C-S030
CONTRACTOR: STEWART & STEVENSON SERVICES SEALY TEXAS U.S.A.
DRAWN BY: M. ZUBIETA — DATE (YR-MO-DA): 01-08-23
CHECKER: R. SELBY — ENGINEER: L. RODNEY
DRAWING APPROVAL - GOV'T: A. TAYLOR
DESIGN APPROVAL - GOV'T: A. TAYLOR
QA: P. FIESTER
MAT'L ENGR: M. CHURCH

PART NO. 12422679

DESIGN ACTIVITY: U.S. ARMY, TANK AUTOMOTIVE COMMAND WARREN, MICHIGAN 48397-5000

DIGITIZATION POWER HARNESS

SIZE: E — CAGE CODE: 19207 — DWG NO: 12422679

SCALE: NONE — UNIT WT: — — SHEET 1 OF 2

FILE NAME: 2879CES.DWG — TACOM-E-METRIC