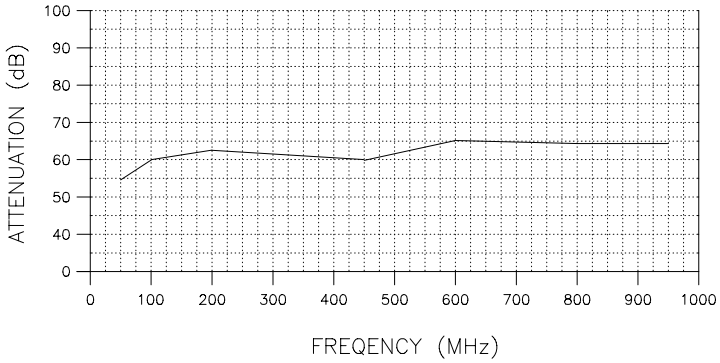
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
—	–	INITIAL RELEASE –PRODUCT BASELINE– ERR–SSS–R6303	—	—
C8 B8 A4 A3	A	1) ADDED NEW VENDOR SOURCE 2) REVISED NOTE 4 3) ADDED NEW NEXT ASSY 12423231 4) REVISED USED ON WAS FMTV A1 ERR SSS–U7517	03–05–22	F. NGUYEN AWT KB

NOTES:

1. APPLICABLE STANDARDS/SPECIFICATIONS:
   A. DOD–STD–00100D(AR)
   B. ANSI Y14.5M–1982
2. MATERIAL: DEAD SOFT ALUMINUM FOIL WITH AN ELECTRICALLY CONDUCTIVE, PRESSURE SENSITIVE ADHESIVE.
3. ASTM E380 APPLIES. METHOD B SHALL BE USED IN CONVERTING AND ROUNDING OFF. 1 INCH = 25.4mm APPLIES.
4. APPLICATION DATA:
   TAPE WIDTH: RECOMMENDED 25.4mm
   BACKING THICKNESS – 0.04mm MINIMUM
   ADHESION TO STEEL – 35 OZ/IN (38 N/10mm)
   ELECTRICAL RESISTANCE THRU ADHESIVE – 0.002 OHM/CM^2 MAX
   IAW MIL–STD–210C METHOD 307.
   FLAME RESISTANCE – UL510
5. IDENTIFICATION OF THE SUGGESTED SOURCE(S) OF SUPPLY HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM(S).

SUGGESTED SOURCE(S) OF SUPPLY OR APPROVED EQUAL				
PART NUMBER	VENDOR ADDRESS	VENDOR CAGE CODE	VENDOR PART NUMBER	ITEM IDENTIFICATION
12422200	3M CORPORATION ELECTRICAL SPECIALITIES DIV. AUSTIN CENTER AUSTIN, TX 78769–2963	20999	3M1170	MFR–20999–3M1170
	CHOMERICS INC 77 DRAGON COURT WOBURN, MA 01888	57003	CCJ–36–201	MFR–57003–CCJ–36–201

SHIELDING EFFECTIVENESS (FAR FIELD) – TYPICAL VALUES



METRIC

SPECIFICATION CONTROL DRAWING

PART NO. 12422200

MECHANICAL PROPERTIES	
YP	
TS	
EL2	
RA	
BH	
RH	

PMIC A	
12423231	
12421931	
12421892	FMTVA1/A1R
NEXT ASSY	USED ON
APPLICATION	

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

QA P.FIESTER
MAT'L ENGR E.HORNE

CONTRACT NUMBER DAAE07–92–C–R001
CONTRACTOR STEWART & STEVENSON SERVICES SEALY TEXAS U.S.A.
DRAWN BY B.WHEATLEY
DATE (YR–MO–DA) 97–08–07
CHECKER A.TATE
ENGINEER A.CHAUDHURI
DRAWING APPROVAL – GOV'T D.HOUSTON
DESIGN APPROVAL – GOV'T D.HOUSTON

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

FOIL TAPE,
DATABUS SHIELD

SIZE D | CAGE CODE 19207 | DWG NO 12422200
SCALE NONE | UNIT WT —— | SHEET ——

FILE NAME 2200ADS

TACOM–D–METRIC

DISTRIBUTION STATEMENT A:
APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

FILE INFO: 2200ADS.DWG 1=25.40 12/05/2003 10:33 AWT 9