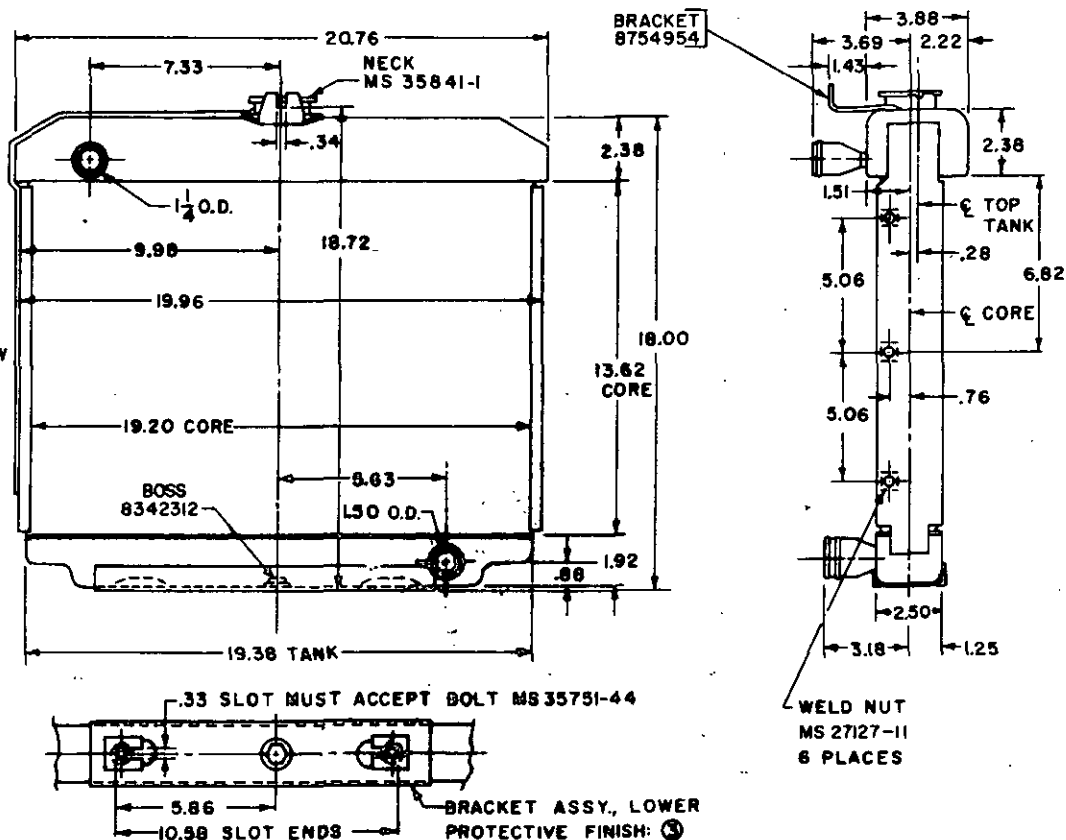


REVIEW ACTIVITIES : AF-85

USER ACTIVITIES : ARMY-ME, MI; NAVY-MC, YD

OVER-FLOW  
TUBE  
7331213  
(REF)

## NOTES:

1. MATERIALS: HEADER, TANK, BAFFLE, HEADER REINFORCEMENT, CONNECTIONS: BRASS, COMP. 2, QQ-B-613. SADDLE AND REINFORCEMENT: STEEL, CARBON, 1009 TO 1020, QQ-S-698. SIDE SUPPORTS: TERME SHEET, TYPE I, GRADE A, QQ-T-191. TUBES: BRASS, 70% CU, 30% ZN, MIL-C-50. FINS: COPPER, QQ-C-576. SOLDER, MIL-S-6872. USE SOLDER SN40 OR SN50, QQ-S-571.
2. PROTECTIVE FINISH: (GENERAL, EXCEPT AS NOTED): CONDITION IN ACCORDANCE WITH MIL-M-10578. PRIME PER TT-P-666. FINAL COATING PER CONTRACT REQUIREMENTS.
3. PROTECTIVE FINISH: (BRACKET ASSEMBLY, LOWER: ONLY) LEAD ALLOY COATING, TYPE III, COMPOSITION 12% TO 16% TIN, MIL-L-13762.
4. ASSEMBLY SHALL WITHSTAND A 10 PSIG INTERNAL PRESSURE.
5. HEAT REJECTION AND CORE RESISTANCE CURVES, SEE SHEET 2.
6. THREADS SHALL BE IN ACCORDANCE WITH SCREW THREAD STANDARDS FOR FEDERAL SERVICES HANDBOOK H28.
7. DIMENSIONS ARE IN INCHES AND ARE FOR ENGINEERING REFERENCE ONLY.
8. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
9. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS.
10. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, AND REFERENCED DOCUMENTS.
11. MARKING SHALL CONSIST OF THE MS PART NUMBER AND THE MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.
12. DETAILS OF THIS ASSEMBLY SHALL BE IN ACCORDANCE WITH REFERENCED DRAWING, WHICH MAY BE OBTAINED FROM U.S. ARMY TANK-AUTOMOTIVE COMMAND, WARREN, MICHIGAN 48090.

③ CANCELLED AFTER 25 APRIL 1973  
FOR NEW DESIGN AND PROCUREMENT USE DWG 10921887

MS PART NO.	REF DWG NO.
MS 51383-1	10921887

P.A. ARMY-AT  
Other Cust  
NAVY-YD  
AF-82

## TITLE

RADIATOR, ENGINE COOLANT, AUTOMOTIVE:  
1.83 SQUARE FEET FRONTAL CORE AREA

PROCUREMENT SPECIFICATION  
NONE

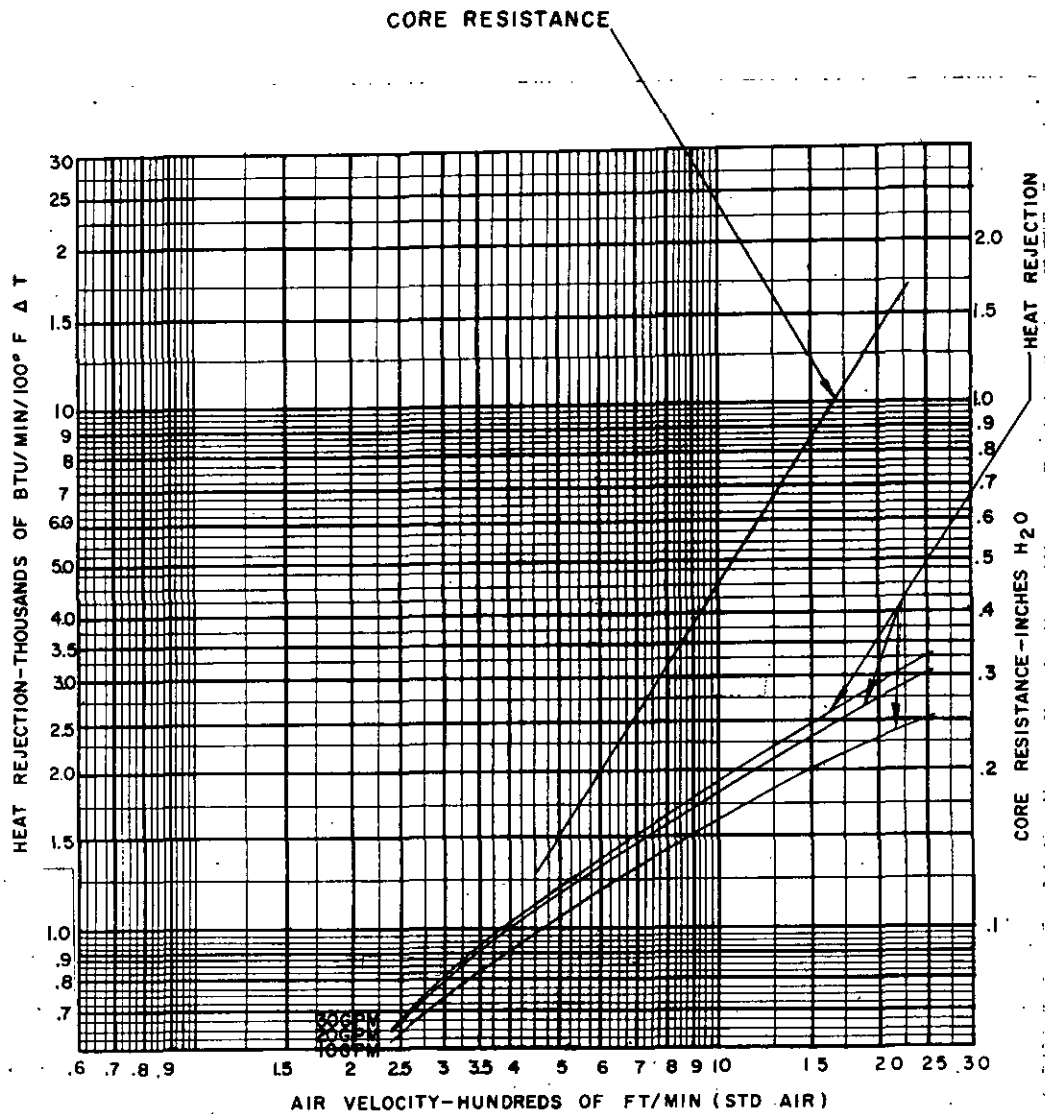
SUPERSEDES:

MILITARY STANDARD

MS51383

SHEET 1 OF 2

APPROVED 6 JUNE 1961 REVISED ③ 9 FEBRUARY 1967 ③ 25 APRIL 1973

FED. SUP CLASS  
2930

HEAT REJECTION AND CORE RESISTANCE CURVES

This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. ARMY—AT

Other Cust  
NAVY—YD  
AF—B2PROCUREMENT SPECIFICATION  
NONE

TITLE

RADIATOR, ENGINE COOLANT, AUTOMOTIVE:  
1.83 SQUARE FEET FRONTAL CORE AREA

SUPERSEDES:

MILITARY STANDARD

MS51383

SHEET 2

APPROVED 6 JUNE 1961 REVISED (B) FOR CHANGES SEE SHEET 1