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REV.
A

AS28938™

FEDERAL SUPPLY CLASS
5920

RATIONALE

REVISION IS REQUIRED TO REMOVE GOVERNMENT CONVERSION INFORMATION, TO IMPROVE DRAWING LEGIBILITY AND TO UPDATE DOCUMENT TO LATEST SAE FORMAT GUIDELINES.

AS28938A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS5372.

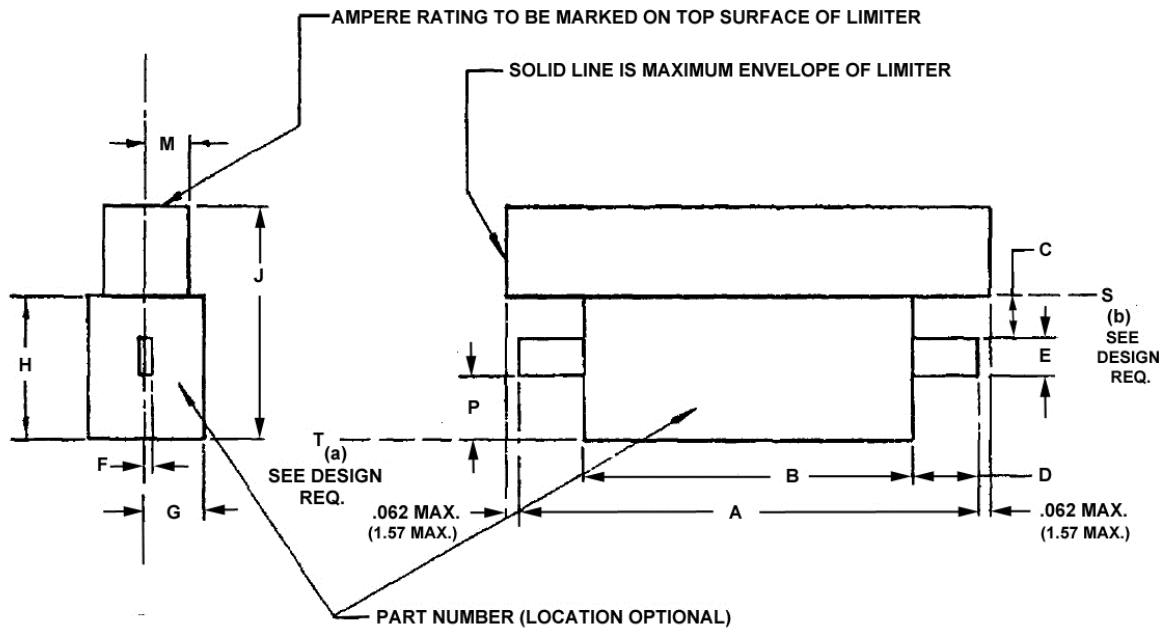
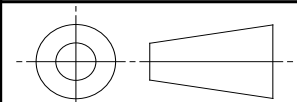


FIGURE 1 - FUSE CONFIGURATION/DIMENSIONS

For more information on this standard, visit
<https://www.sae.org/standards/content/AS28938A/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8B1

PROCUREMENT SPECIFICATION: AS5372



AEROSPACE STANDARD

(R) FUSE, LIMITER TYPE,
ENCLOSED LINK,
INTERMEDIATE RATING, AIRCRAFT

AS28938™
SHEET 1 OF 3

REV.
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TABLE 1 - FIGURE 1 DIMENSIONS

MS28938 PART NUMBER	AMPERE RATING	WEIGHT (LB) MAX.	A ±.031	B MAX.	C MIN.	D MIN.	E MIN.
-01	1	.033	1.969 (50.01)	1.400 (35.56)	.100 (2.54)	.156 (3.96)	.280 (7.11)
-02	2						
-03	3						
-15	15						
-25	25						
-35	35	.047	2.219 (56.36)	1.500 (38.10)	.125 (3.18)	.219 (5.56)	.350 (8.89)

TABLE 1 - FIGURE 1 DIMENSIONS (CONTINUED)

MS28938 PART NUMBER	AMPERE RATING	F ±.003	G MAX.	H MAX.	J MAX.	M MAX.	P MIN.	FUSE HOLDER
-01	1	.031 (0.79)	.250 (6.25)	.625 (15.88)	1.000 (25.40)	1.95 (49.53)	.156 (3.96)	AS24000
-02	2							
-03	3							
-15	15							
-25	25							
-35	35	.047 (1.19)	.360 (9.14)	.682 (17.32)	1.140 (28.96)	.235 5.97	.200 (5.08)	AS24001

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS5372.

1. DESIGN:

FUSES SHALL BE DESIGNED IN ACCORDANCE WITH FIGURE 1 AND TABLE 1. DIMENSIONS ARE IN INCHES. METRIC EQUIVALENTS ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED ON 1 INCH = 25.4 MILLIMETERS. TOLERANCE ±.015 UNLESS OTHERWISE SPECIFIED. CONFIGURATION OF BODY OPTIONAL PROVIDED MAXIMUM DIMENSIONS ARE NOT EXCEEDED (WHEN T IS USED TO BOTTOM LIMITER IN FUSEHOLDER CLIP, DIMENSION P APPLIES, WHEN S IS USED TO BOTTOM LIMITER IN FUSEHOLDER CLIP, DIMENSION C APPLIES). VOLTAGE RATING 115/200 AC, 400 HZ; 28 VOLTS DC.

2. MATERIAL:

LIMITER BLADE; COPPER WITH SILVER PLATE.
PLASTIC: SILICONE PER ASTM D5948-05, TYPE MSI-30 OR DIALLYL ISOPHTHALATE PER ASTM D5948-05, TYPE GDI-30F.
COLOR - RED PER MIL-STD-104, CLASS 1 OR 2.

- ALTERNATING CURRENT INTERRUPTING CAPACITY SHALL MEET THE REQUIREMENTS OF 3.5.6 OF AS5372 EXCEPT THAT THE INTERRUPTING PROSPECTIVE FAULT CURRENT SHALL BE 3500 AMPERES FOR A LINE TO NEUTRAL FAULT AND 2500 AMPERES FOR A LINE TO LINE FAULT.
- DIRECT CURRENT INTERRUPTING CAPACITY SHALL MEET THE REQUIREMENTS OF 3.5.7 OF AS5372 EXCEPT THAT THE INTERRUPTING PROSPECTIVE FAULT CURRENT SHALL BE 3500 AMPERES.
- A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

	AEROSPACE STANDARD	AS28938™ SHEET 2 OF 3 	REV. A
	(R) FUSE, LIMITER TYPE, ENCLOSED LINK, INTERMEDIATE RATING, AIRCRAFT		