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REV.
A

AS81969/2™

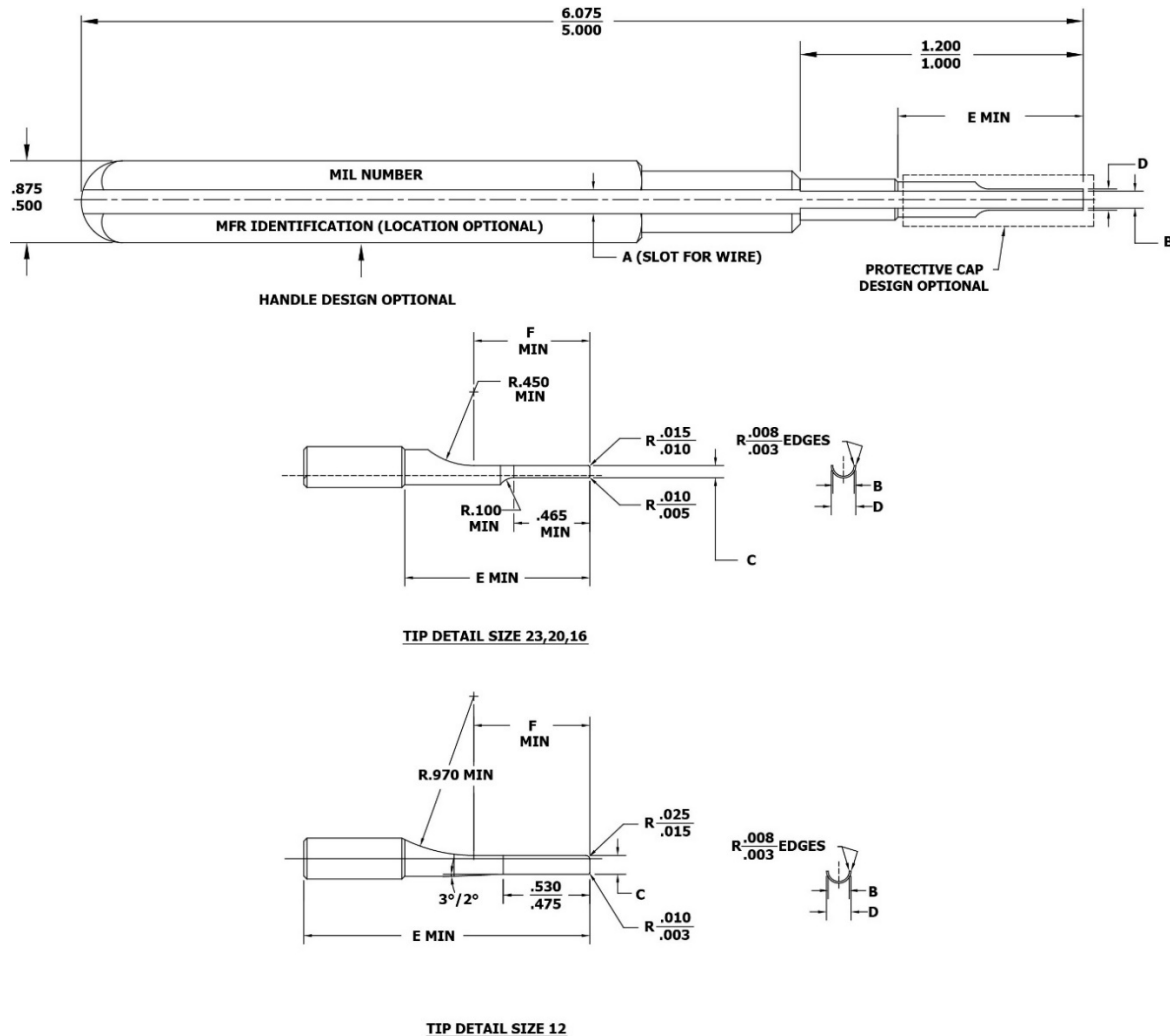
FEDERAL SUPPLY CLASS
5120

RATIONALE

LIMITED SCOPE REVISION REQUIRED TO UPDATE REFERENCE(S) AND MAKE MINOR EDITORIAL CHANGES AS NEEDED.

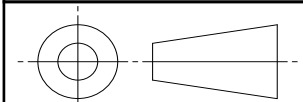
NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81969.



For more information on this standard, visit
<https://www.sae.org/standards/content/AS81969/2A/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C2

PROCUREMENT SPECIFICATION: AS81969



AEROSPACE STANDARD

INSTALLING AND REMOVAL TOOLS, CONNECTOR
ELECTRICAL CONTACT, TYPE I, CLASS I,
COMPOSITION C

AS81969™/2
SHEET 1 OF 2

REV.
A

Documents

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TABLE 1 - TOOL CONFIGURATION

DASH NO.	CONTACT SIZE	A MIN	B DIA	C	D DIA	E MIN	F MIN	COLOR CODE
-01	23-28 23-22	.085	.053 .051	.046 .042	.068 .065	.620	.465	YELLOW
-02	20	.093	.081 .079	.060 .056	.105 .102	.620	.465	RED
-03	16	.133	.106 .104	.074 .070	.134 .130	1.000	.710	BLUE
-04	12	.174	.163 .161	.115 .110	.191 .187	1.000	.710	YELLOW

REQUIREMENTS: AS SPECIFIED IN AS81969.

1. CONFIGURATION:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES IN ACCORDANCE WITH TABLE 1. OUTLINE CONFIGURATION OPTIONAL WITHIN MAXIMUM DIMENSIONS SHOWN.

SLOT DESIGN SHALL ALLOW ALL APPLICABLE WIRE SIZES TO FIT INTO THE TOOL FREELY.

BREAK SHARP CORNERS .005 INCH MAX RAD, UNLESS OTHERWISE SPECIFIED.

2. MARKING:

EACH TOOL SHALL BE LEGIBLY AND PERMANENTLY MARKED ON THE HANDLE IN ACCORDANCE WITH MIL-STD-130.

3. MATERIALS (REFER TO AS81969):

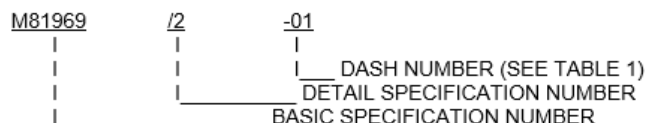
HANDLE: PLASTIC IN ACCORDANCE WITH AS81969 OR APPROVED EQUIVALENT.

TOOL TIPS SHALL BE STAINLESS STEEL 440-SST OR 420-SS. HEAT TREATED TO ROCKWELL C40-50.

4. PLATING: NOT APPLICABLE.

5. PLUNGER FORCE: NOT APPLICABLE.

6. PART NUMBER:



APPLICATION NOTES:

- TOOLS ARE USED TO INSTALL AS39029/33, /46, AND /47 CONTACTS IN AS81511 SERIES 1 AND 2 CONNECTORS.
- AS81969/2 SUPERSEDES MIL-I-81969/2A WHICH SUPERSEDED MS3323 WHICH SUPERSEDED MS90459 (NAVY). PART NUMBERS REMAIN UNCHANGED.

SPECIFICATION NOTES:

- REVISION INDICATOR: 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		AS81969™/2 SHEET 2 OF 2	REV. A
	INSTALLING AND REMOVAL TOOLS, CONNECTOR ELECTRICAL CONTACT, TYPE I, CLASS I, COMPOSITION C			



Documents

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