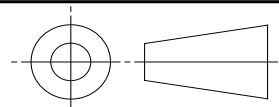



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REV. A	FEDERAL SUPPLY CLASS 5120	
	<p>RATIONALE</p> <p>AS81969/9 IS RECOMMENDED FOR STABILIZATION BECAUSE THE PROCESSES/PRODUCT IS CONSIDERED MATURE AND THE COMMITTEE DOES NOT ANTICIPATE FUTURE TECHNICAL CHANGES. NO QPL SOURCE IS CURRENTLY AVAILABLE AND USAGE IS ESTIMATED TO BE LOW. ANY TECHNICAL CHANGES NOTED WHICH RESULT IN A PRODUCT OR REQUIREMENT CHANGE WILL BE ADDRESSED BY A NEW REVISION.</p> <p>STABILIZED NOTICE</p> <p>THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY THE SAE AE-8C2 TERMINATING DEVICES AND TOOLING COMMITTEE AND WILL NO LONGER BE SUBJECTED TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.</p>	
AS81969™/9	<p>SAENORM.COM : Click to view the full PDF of as81969_9a</p>	
<p>For more information on this standard, visit  <a href="https://www.sae.org/standards/content/AS81969/9A/">https://www.sae.org/standards/content/AS81969/9A/</a></p>		<p>THIRD ANGLE PROJECTION</p> 
CUSTODIAN: AE-8/AE-8C2		PROCUREMENT SPECIFICATION: AS81969
	<p><b>AEROSPACE STANDARD</b></p> <p>REMOVAL TOOL, CONNECTOR, ELECTRICAL CONTACT, TYPE II, CLASS 1, COMPOSITION A</p>	
	AS81969™/9	REV. A

# NOTICE

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

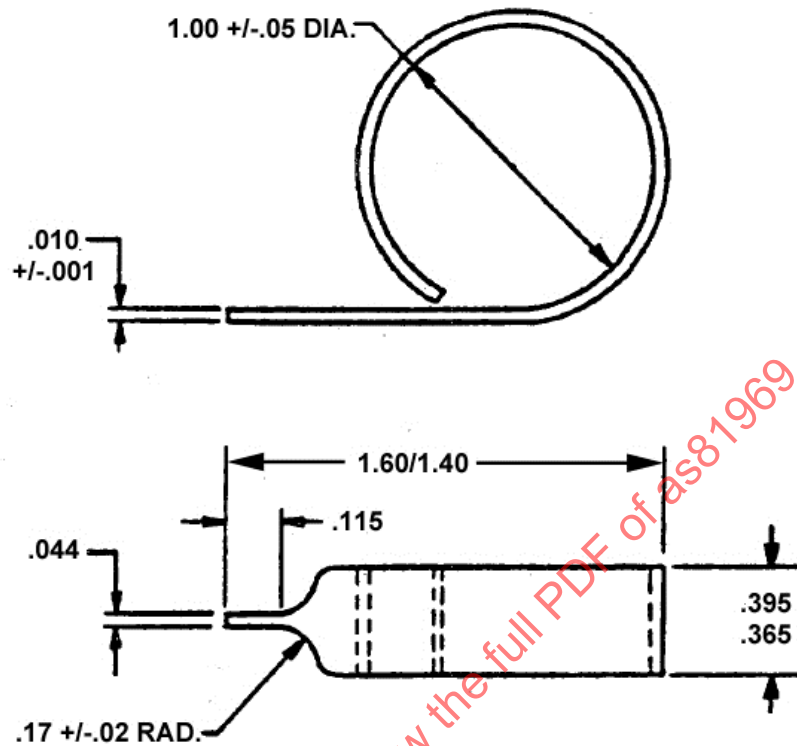


FIGURE 1 - TOOL CONFIGURATION AND DIMENSIONS

TABLE 1 - METRIC EQUIVALENTS

INCHES	MILLIMETERS	INCHES	MILLIMETERS	INCHES	MILLIMETERS
.001	0.025	.05	1.27	.395	10.03
.010	0.254	.115	2.92	1.00	25.40
.02	0.508	.17	4.32	1.40	35.56
.044	1.12	.365	9.27	1.60	40.64

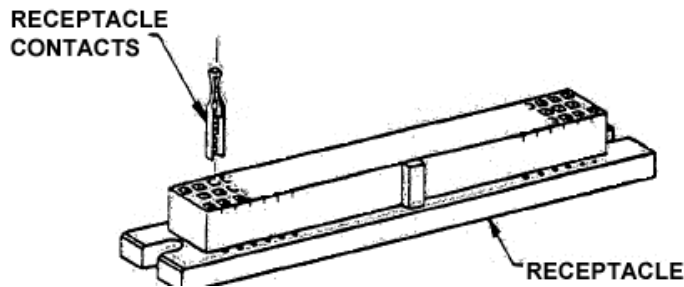


## AEROSPACE STANDARD

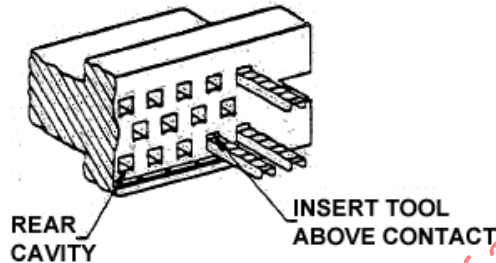
REMOVAL TOOL, CONNECTOR, ELECTRICAL CONTACT,  
TYPE II, CLASS 1, COMPOSITION A

AS81969™/9  
SHEET 1 OF 3

REV.  
A



**FIGURE 2 - INSTALLING CONTACT**



**FIGURE 3 - REMOVING CONTACT**

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS81969.

1. DESIGN: THE TOOL SHALL BE DESIGNED IN ACCORDANCE WITH FIGURE 1. DIMENSIONS ARE IN INCHES. METRIC EQUIVALENTS IN TABLE 1 ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED ON 1 INCH = 25.4 MILLIMETERS. UNLESS OTHERWISE SPECIFIED, TOLERANCE IS  $\pm 0.005$  INCH (0.13 MILLIMETERS).
2. MATERIAL: STEEL PER AMS-QQ-S-700.
3. PLATING: NICKEL PER AMS-QQ-N-290, .000030 INCH THICK MINIMUM.
4. CONTACT INSTALLATION AND REMOVAL:

INSTALLING CONTACT - SEE FIGURE 2. BE CERTAIN THE CONTACT LANCE IS SPRUNG ABOUT 15°. ALIGN THE SOLDER TAB WITH THOSE ALREADY IN THE RECEPTACLE.

REMOVING CONTACT - SEE FIGURE 3. PUSH TOOL TIP THROUGH THE NARROW OPENING OF THE REAR CAVITY, BETWEEN THE SOLDER TAB AND THE HOUSING. THIS WILL DEPRESS THE LANCE. PUSH CONTACT THROUGH THE CAVITY BY DEPRESSING ON THE SOLDER TAB.


5. PART NUMBER: M81969/9-01

EACH TOOL SHALL BE LEGIBLY AND PERMANENTLY MARKED WITH THE MANUFACTURER'S IDENTIFICATION AND PART NUMBER IN ACCORDANCE WITH MIL-STD-130. MANUFACTURER SYMBOL, IF USED, SHALL BE IN ACCORDANCE WITH AIR1351.

6. QUALIFICATION: QUALIFICATION SHALL BE IN ACCORDANCE WITH AS81969 WITH THE FOLLOWING EXCEPTIONS:

ROTATION - NOT APPLICABLE  
 THRUST - NOT APPLICABLE  
 IMPACT STRENGTH - NOT APPLICABLE  
 PLUNGER FORCE - NOT APPLICABLE

ALTERNATIVE QUALIFICATION REQUIREMENTS SUCH AS CERTIFICATION, FIRST ARTICLE OR QC TESTING MAY BE IMPOSED BY THE QUALIFYING ACTIVITY (QA). THE QA SHALL SUBMIT A WRITTEN REQUEST TO THE AE-8C2 COMMITTEE FOR REVIEW AND APPROVAL OF THE ALTERNATIVE QUALIFICATION TESTING PROGRAM PRIOR TO IMPLEMENTATION OF THE REQUIREMENT.

	<b>AEROSPACE STANDARD</b>		<b>AS81969™/9</b> SHEET 2 OF 3	<b>REV.</b> <b>A</b>
	REMOVAL TOOL, CONNECTOR, ELECTRICAL CONTACT, TYPE II, CLASS 1, COMPOSITION A			