

Figure 1

## 1. INTRODUCTION

SMA Straight Jack Connectors (Compression Crimp Attachment) 1050935-1 and 1051098-1 are designed to be crimped onto RG 402/U and .141 S.R. coaxial cable using the following tools:

TOOL DESCRIPTION	TOOL PART NUMBER	
	TE PART NUMBER	PREVIOUS PART NUMBER
Crimp Tool Kit	1055835-1	2598-5200-54
Trim and Point Hand Tool	1055811-1	2598-5116-54



*Dimensions on this instruction sheet are in millimeters [with inches in brackets]. Figures are not drawn to scale.*

Reasons for reissue of this document are provided in Section 5, REVISION SUMMARY.

## 2. DESCRIPTION

The jack connector consists of a housing assembly and bushing. See Figure 1.

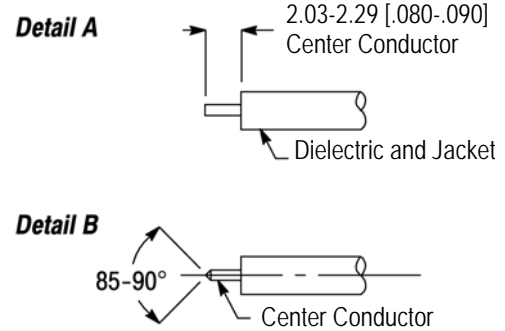
## 3. ASSEMBLY PROCEDURE



*Follow safety precautions included with the tools used for assembly.*

1. Strip the cable to the dimensions shown in Figure 2, Detail A. Shape the blunt end of the center conductor to an 85 to 90 degree cone as shown in Figure 2, Detail B.

2. Insert the center conductor through the bushing and into the center contact (inside the housing assembly) until the jacket bottoms on the internal shoulder in the housing assembly. See Figure 3, Detail A.

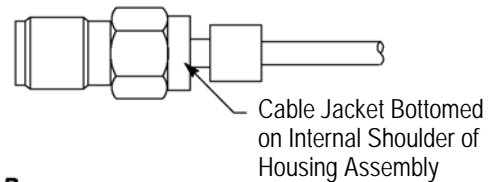


Note: Not to Scale

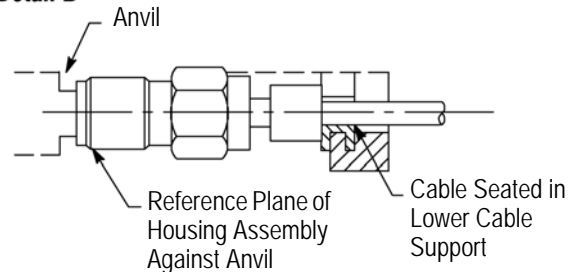
Figure 2

3. Set the tool crimp length to .530, and install the lower cable support for .141 S.R. Position the connector assembly in the tool so that the reference plane of the housing assembly is against the anvil and the cable is seated in the lower cable support. See Figure 3, Detail B. Actuate the tool.

### Detail A



### Detail B



### Detail C

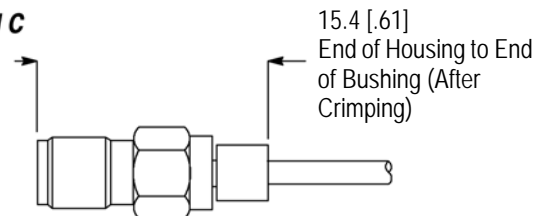


Figure 3

4. Remove the connector assembly from the tool, and inspect the crimp according to Figure 3, Detail C.



*Damaged components must not be used. They must be replaced with new components.*

#### 4. MILITARY INFORMATION

MILITARY MAINTENANCE TOOLS			
DESC	TE PART NUMBER	PREVIOUS PART NUMBER	MIL PART NUMBER
Crimp Tool	--	--	M22520/36-01
Positioning Dies	--	--	M22520/36-03
Locator Tool	1055300-1	2098-0728-54	M22520/36-17

#### 5. REVISION SUMMARY

Since the previous release of this document, the new company logo was applied