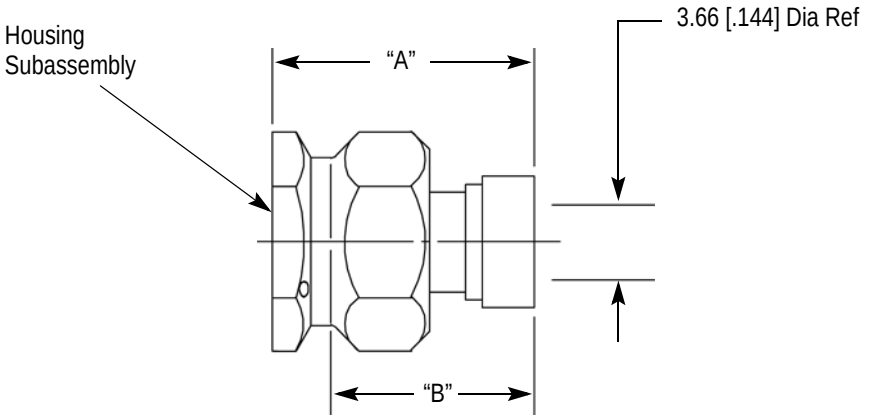
"A" Dimension
Before Crimping 12.80 [.502] Max
After Crimping 10.20 [.400] Max

"B" Dimension
Before Crimping 9.80 [.385]
After Crimping 6.90 [.270]



PLUG PART NUMBER		
TE CONNECTIVITY		MILITARY M39012/92B
CURRENT	PREVIOUS	
1050808-1	2001-8921-92	3001
1050809-1	2001-8931-92	3101 (No Safety Wire Holes)

NOTE: Adherence to steps will yield tolerances shown on M39012/92

Figure 1

1. INTRODUCTION (Figure 1)

SMA Straight Cable Plugs (Compression Crimp Attachment) 1050808-1 and 1050809-1 are designed to be crimped onto RG 402/U 3.58 [.141] diameter semi-rigid coaxial cable using the following tools shown in Figure 2.

TOOL DESCRIPTION	PART NUMBER CROSS-REFERENCE	
	TE	PREVIOUS PART NO.
Crimp Tool	1055835-1	2598-5200-54

Figure 2

NOTE

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 3, REVISION SUMMARY.

2. ASSEMBLY PROCEDURE

DANGER

Follow safety precautions included with the tools used for assembly.

1. Strip the cable to the dimensions shown in Figure 3.

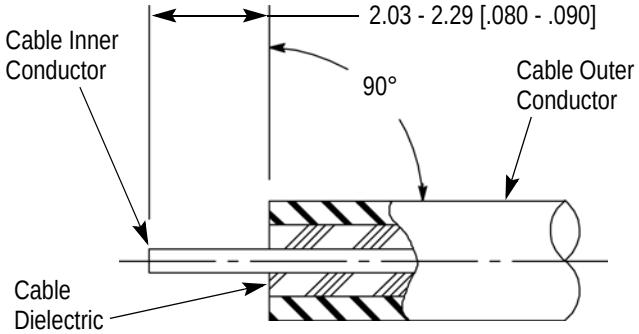


Figure 3

2. Shape the blunt end of the inner conductor to an 85° to 90° cone as shown in Figure 4.

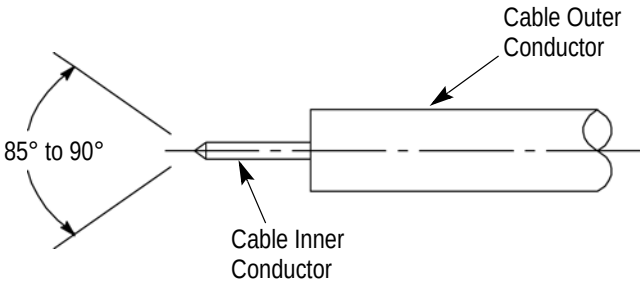


Figure 4

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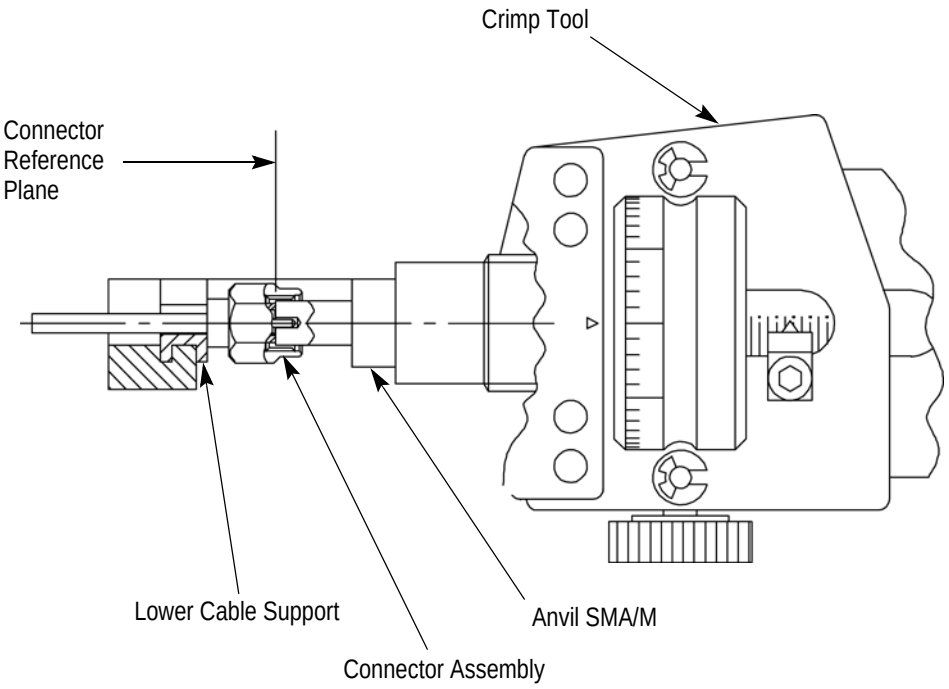


Figure 5

2.1. Installing Cable into Connector Assembly (Figure 5)

1. Install lower cable support (for 3.58 [.141] cable) and anvil (SMA/M) into crimp tool.
2. Set crimp length on crimp tool to 6.86 [.270].
3. Carefully insert cable into connector assembly until cable bottoms on shoulder in connector assembly.
4. Place assembly into crimp tool. Bottoming the connector reference plane against anvil and allowing the cable to settle in the lower cable support.
5. Squeeze handles of crimp tool until ratchet releases.
6. Assembly is now complete.

NOTE

Coupling nut of connector assembly should be pulled completely forward and the crimp tool should be held slightly vertically (so that the coupling nut does not slide back) during the crimping. This will prevent the rear bushing from hitting the coupling nut during crimping.

CAUTION

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

3. REVISION SUMMARY

Updated document to corporate requirements

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1-794222-0 1393431-1 1903112-2 650075-000 917696-1 SMW73R0JT TE50BR39J 175977-2 2380312-2 141991-2 3631B101LL SBCHE154R7K SBCHE64R7K 1-962915-1 1743455-2 1969656-1 RH73H2A40MKTN 2005330-1 2377783-2 2834055-1 CRGCQ2010J3K3 ROX05SJ18R 2-292161-3 3430B2F51RTDF 2310537-1 3-1393225-0 CPF0402B37K4E1 936348-1 MPT100C18RF U5254-000005-030PA