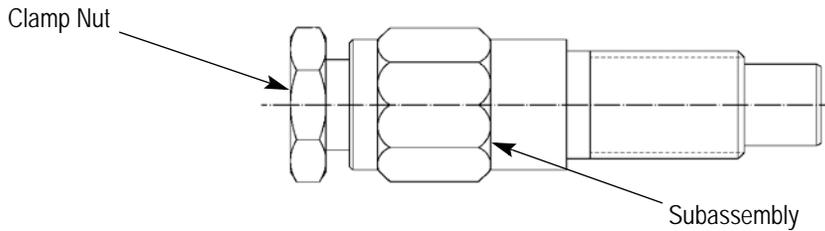


SMB/C/D Straight Jack Connectors



CURRENT PART NUMBER	PREVIOUS PART NUMBER	CABLE TYPE
1310837-1	B65E06G022X	RG 174A/U, RG 188A/U, RG 316/U, TM 3306
1310892-1	C65A01G022X	
1311638-1	C65E06G022X	

Figure 1

1. INTRODUCTION

This instruction sheet contains the assembly procedures for the SMB/C/D Straight Jack Connectors listed in Figure 1. These connectors are solder center contact, clamp attachment type connectors that attach to the cable type listed in Figure 1. Figure 1 also contains the previous SMB/C/D Straight Jack Connector part numbers.

NOTE



Dimensions on this sheet are in millimeters [with inches in brackets], unless otherwise specified. Figures are not drawn to scale.

Read and understand these instructions thoroughly before proceeding.

Reasons for reissue can be found in Section 3, REVISION SUMMARY.

2. ASSEMBLY PROCEDURES

2.1. Cable Preparation

1. Slide clamp nut, a washer, gasket, and the other washer over the cable. See Figure 2.
2. Trim outer sheath to dimension shown in Figure 3.
3. Fold back the cable braid and strip to the dimensions shown in Figure 4.
4. Push the ferrule over the dielectric to trap braid between outer sheath and ferrule. See Figure 5.
5. Trim off surplus braid. Trim dielectric flush with ferrule and check length of center conductor.
6. Tin the center conductor.

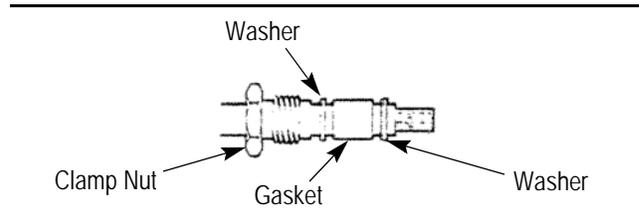


Figure 2

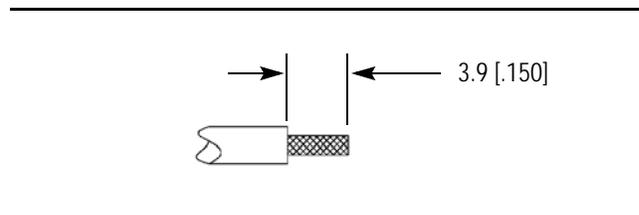


Figure 3

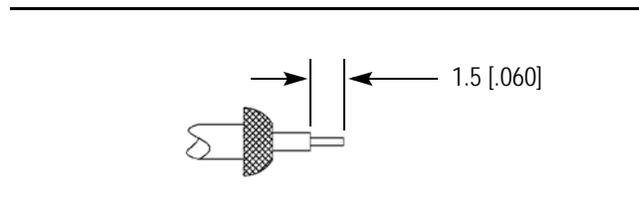


Figure 4

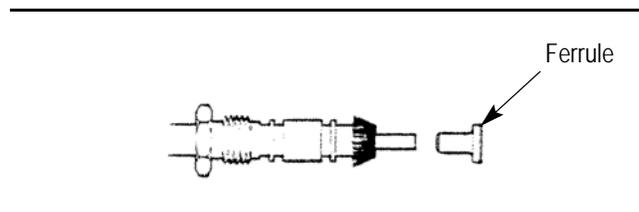


Figure 5

2.2. Center Contact Attachment

1. Slide the rear insulator over the center conductor until it butts against ferrule. Refer to Figure 6.
2. Fit the contact onto the center conductor until it butts against the rear insulator. Hold the cable and contact tightly together and solder. See Figure 7.

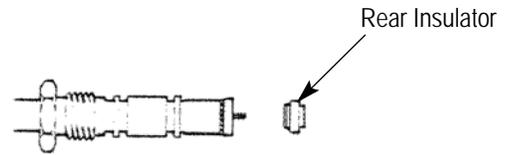


Figure 6

2.3. Connector Assembly

1. Fit the front insulator over the contact until it butts against the internal shoulder as shown in Figure 8.
2. Press the sub-assembly into the body as far as possible. Engage and tighten the clamp nut. See Figure 9.
3. The finished connector should appear as shown in Figure 10.

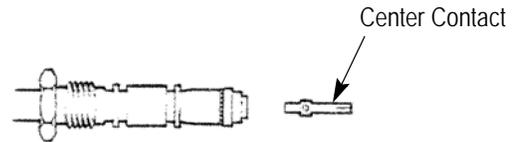


Figure 7

3. REVISION SUMMARY

Since the previous version of this document, the following changes were made:

- Updated document to corporate requirements.

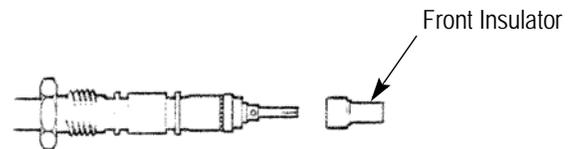


Figure 8

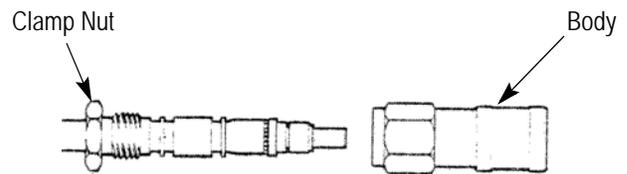


Figure 9

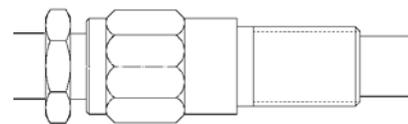


Figure 10