



# SMAJ-SMBJ Datasheet

DiGi Electronics Part Number	APH-SMAJ-SMBJ-DG
Manufacturer	<a href="#">Amphenol RF</a>
Manufacturer Product Number	APH-SMAJ-SMBJ
Description	CONN ADAPT SMA JACK TO SMB JACK

<https://www.DiGi-Electronics.com>

**Detailed Description** Adapter Coaxial Connector SMA Jack, Female Socket To SMB Jack, Male Pin 50 Ohms

This model APH-SMAJ-SMBJ is available at DiGi Electronics. DiGi Electronics offers a global database of semiconductor and electronic component datasheets.

We welcome your inquiries regarding pricing, lead time, or other product-related questions.

 [Request a Quote](#)

 [Datasheet Search](#)

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.

## Purchase and inquiry

Manufacturer Product Number:

APH-SMAJ-SMBJ

Series:

-

Adapter Type:

Jack to Jack

Adapter Series:

SMA to SMB

Convert From (Adapter End):

SMA Jack, Female Socket

Impedance:

50 Ohms

Mounting Type:

Free Hanging (In-Line)

Fastening Type:

Snap-On, Threaded

Ingress Protection:

-

Features:

Manufacturer:

Amphenol RF

Product Status:

Obsolete

Conversion Type:

Between Series

Center Gender:

Female to Male

Convert To (Adapter End):

SMB Jack, Male Pin

Style:

Straight

Mounting Feature:

-

Frequency - Max:

4 GHz

Center Contact Plating:

Gold

Includes:

# APH-SMAJ-SMBJ Amphenol RF CONN ADAPT SMA JACK TO SMB JACK

NOTES:

1. MATERIALS AND FINISHES:

BODY - BRASS (ASTM-B16 H02, C36000), GOLD PLATING  
 CONTACT PIN - BeCu, GOLD PLATING  
 INSULATOR - PTFE PER ASTM D 1710 OR EQUIV.

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 4 GHz

3. MECHANICAL:

A. TEMPERATURE RANGE: -65° C TO +165° C

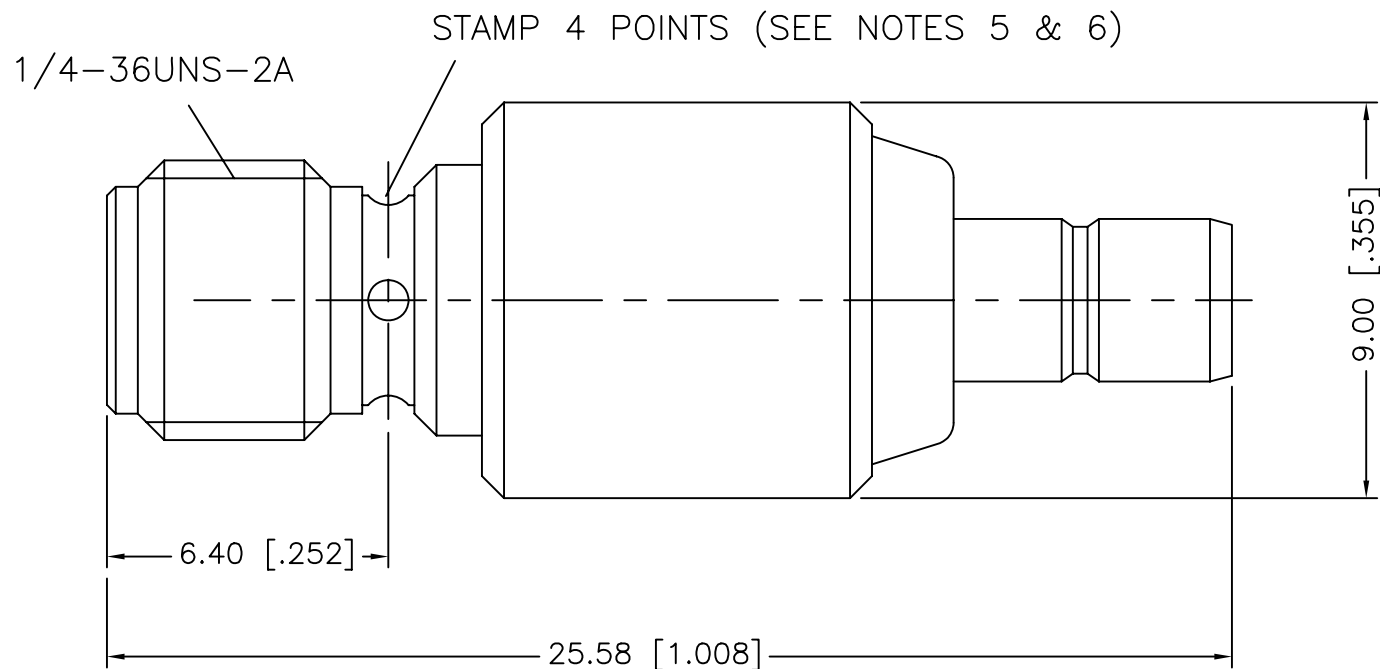
4. PACKAGING:

A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL, APH-SMAJ-SMBJ, AND DATE CODE

5. INSULATOR MUST WITHSTAND A 6 LBS MIN PUSHOUT FORCE FROM INSULATOR AFTER STAMPING OPERATION.

6. NOTE 5 IS MAINTAINED BY STAMPING THE FOUR POINTS SHOWN ON THE DRAWING WITHOUT PUNCTURING THE BODY.

APH-SMAJ-SMBJ		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	9/12/06	46261	CPM/



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:  
 2 PLACE DECIMAL      3 PLACE DECIMAL      ANGLES  
 ±.015 (0,381 mm)      ±.005 (0,127 mm)      ± 1°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights or permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL	DRAWN C. McGRATH	DATE 4/28/05	<b>SMA JACK TO SMB JACK ADAPTER</b>	<b>Amphenol</b> Amphenol Corporation RF/Microwave Operations Danbury, Conn. U.S.A. 06810  SCALE: 2:1 SHEET OF		
	ENGINEER O. BARTHELMES	DATE 4/28/05				
REFERENCE	APPROVED O. BARTHELMES	DATE 9/8/06				
CAD FILE	H:\DEPT611\ASSY\APH\SMAJ-SMBJ	CODE ID 74868	DWG SIZE B	DRAWING NO. APH-SMAJ-SMBJ	ISSUE A	

