

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Amphenol RF](#)  
[903-NM285P-51S](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

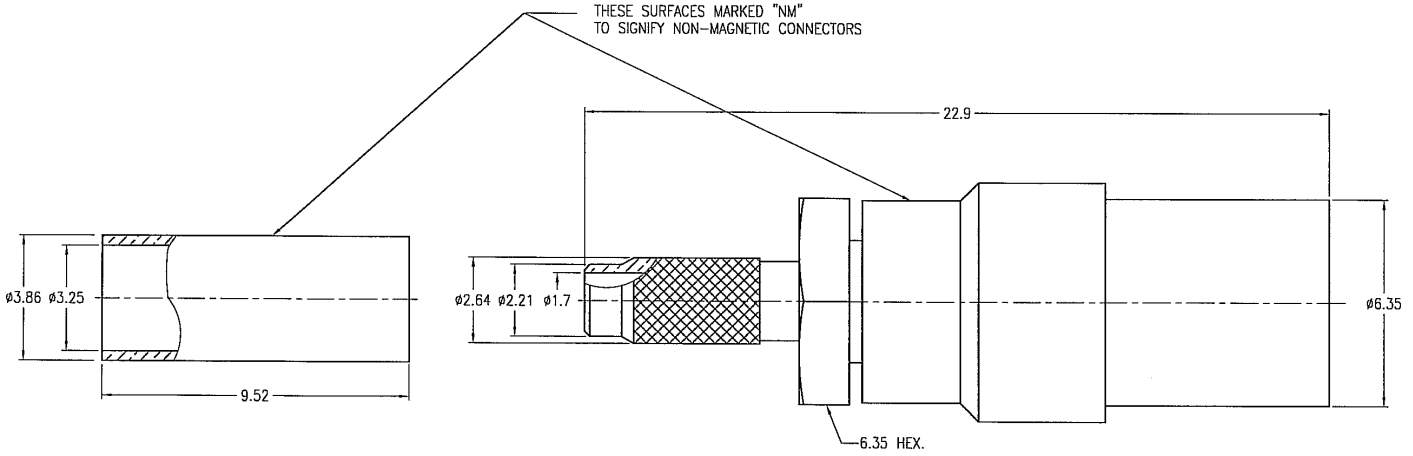


**Distributor of Amphenol RF: Excellent Integrated System Limited**  
**Datasheet of 903-NM285P-51S - CONN SMB PLUG STR 50 OHM SOLDER**

**NOTES:**

1. MATERIALS AND FINISHES (PLATING THICKNESS IN MICRO-INCHES):  
 BODY - BERYLLIUM COPPER, WHITE BRONZE PLATING (COPPER-TIN-ZINC)  
 CONTACT - BERYLLIUM COPPER, GOLD PLATING  
 INSULATOR - PTFE
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC 0-4 GHz  
 C. VSWR (RETURN LOSS): 1.3 MAX  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: - 40°C to +155°C
4. OTHER:  
 A. CRIMPED FERRULE: HEX CRIMP SIZE .128"  
 B. SOLDER CONTACT CONDUCTOR

903-NM285P-51S		REVISIONS			
PART NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	8/8/06	4610B	CISSY



**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: 0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°	MATERIAL	DRAWN <b>CISSY</b> DATE 29-Jul-06	TITLE	SMB 50 OHM PLUG, CRIMP FOR RG-174, RG-188,316/U NON MAGNETIC		Amphenol RF Danbury CT USA, Tainan Taiwan, Shenzhen China www.amphenolrf.com
	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 is 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.	REFERENCE 903-285P-51S	ENGINEER <b>GEFFERY</b> DATE 29-Jul-06	APPROVED <i>[Signature]</i> DATE 8-8-06	SCALE: 6/1    SHEET 1 OF 1	DRAWING NO. ITEM NO.
	FINISH	F:\DWG\CNPD\903\NM285P\51SSZ	DWG SIZE	CODE ID	REV	
			B	74868	A	