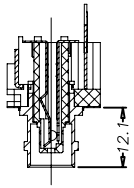
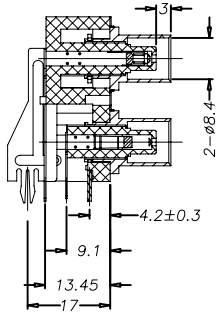
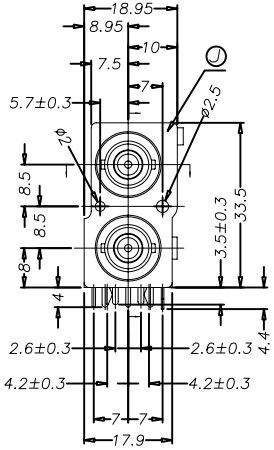
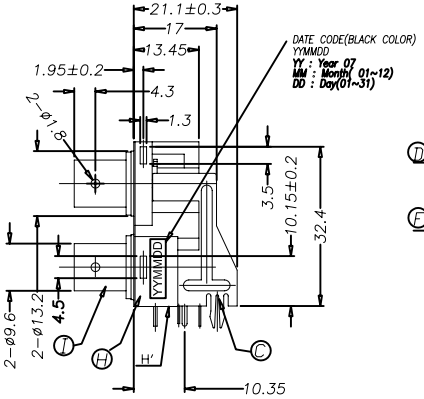
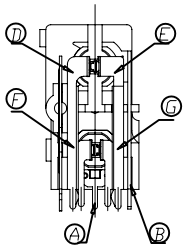
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	LULU	2007.08.03











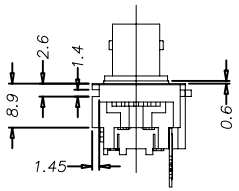
Technical Specification :

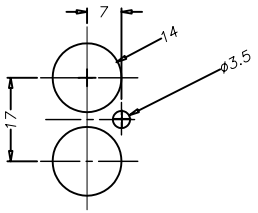
(1)Electrical Characteristics

1. Impedance : 50Ω
2. Frequency range : 4GHz
3. VSWR-Value: ≤1.3
4. Insertion loss : ≤0.2dB 3GHz
5. Proof Voltage (depending on
6. cable type) : 750 V / 50 Hz
7. Insulation Resistance: ≥ 5G
8. Contact Resistance :
   a.Center Contact: 30 mΩ ;
   b.Outer Contact: 0.2mΩ

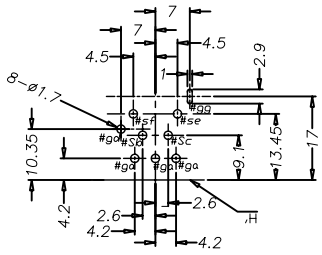
(2)Mechanical Characteristics

9. Coupling nut torque: 7Ncm-28Ncm
10. Coupling nut retention force: ≥450N
11. Mating Cycles: ≥500cycles
12. Environmental Working Temperature Range: -55°C up to +85°C
13. LIFE TEST:
THE LIFE TEST TO BE MADE BY 1500 CYCLES OF INSERTION AND EXTRACTION WITH THE MATCHING PLUG AT A RATE OF 20 TO 30 CYCLES PAR MINUTE UNDER NO LOAD.
14. Insulating voltage value 500V.
15. SOLDER HEAT RESISTANCE: WAVE SOLDERING 260±5°C 5 SECS.
16. TO CONFORM TO THE "SE-01-001" & "ROHS DIRECTIVE"
17. GREEN PRODUCT IDENTIFICATION LABEL IN PACKING: G.P. PASS
18. FOR WAVE SOLDERING LEAD-FREE PROCESS.
19. SEE "2BN1501 SERIES SPECIFICATION"

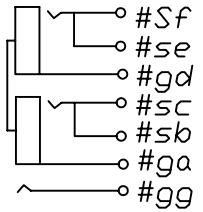




Panel layout



Recommend PCB Layout
Jack TOP View
Tolerance:±0.05mm



Schematic

2BN1501-000111
- PACKAGE
  1: TRAY
- HOUSING COLOR
  1: IVORY
- TERMINAL PLATING
  1: CuSn

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
J	Shielding	1	Brass, 0.3t	CuSn PLATING
I	Sleeve	2	Zn-Alloy	CuSn PLATING
H	Housing	1	ABS 777D UL94-BH	IVORY COLOR
G	7# Terminal	1	Brass, 0.4t	CuSn PLATING
F	6# Terminal	1	Phosphor Bronze, 0.3t	CuSn PLATING
E	5# Terminal	1	Phosphor Bronze, 0.3t	CuSn PLATING
D	4# Terminal	1	Brass, 0.4t	CuSn PLATING
C	3# Terminal	1	Brass, 0.5t	CuSn PLATING
B	2# Terminal	1	Brass, 0.7t	CuSn PLATING
A	1# Terminal	1	Brass, 0.7t	CuSn PLATING

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5 X.X :±0.3 X.XX :±0.2

ANGLES: X :±2° X.X :±1°

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	BNC, 2*1 Ports, R/A, TH, Center Screw Hole*1, Shielded		
DWN	LULU 2007.8.3	PART NO.2BN1501-000111	
CHKD	JOHNSON 2007.8.3	SCALE:1/1	UNIT: mm
APVD	JOHNSON 2007.8.3	SIZE: A3	SHEET:1 OF 1 REV:A

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文件編號:RD-06-035-2A