

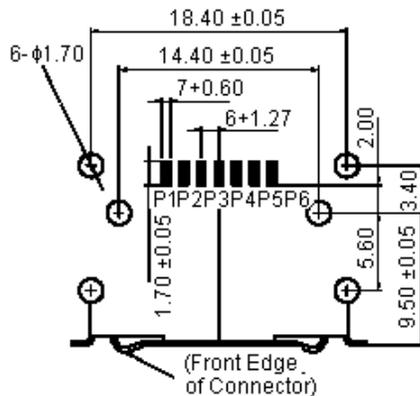
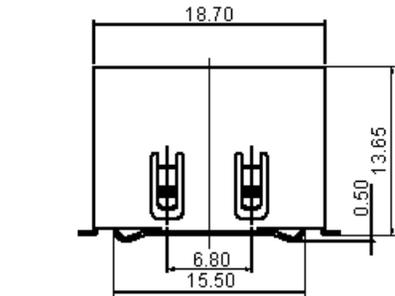


PART NO.

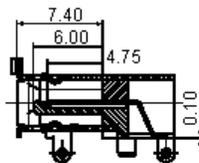
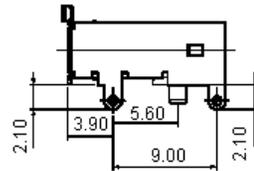
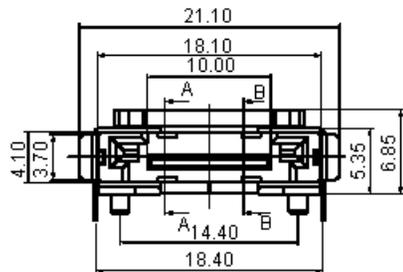
6SAU07MP-320B-2

REVISIONS

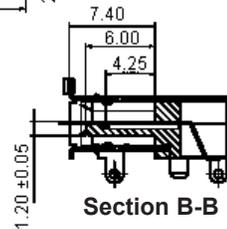
ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	14/4/08	Suresh	14/4/08	G. C	28/4/08



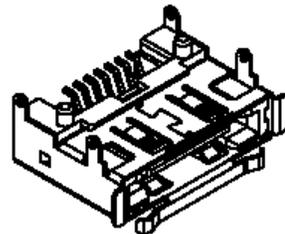
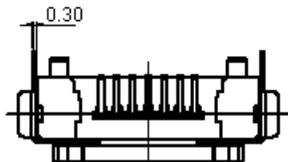
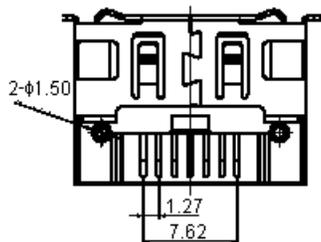
Recommended PCB Layout



Section A-A



Section B-B



Dimensions : Millimetres

Specifications:

Material:

Housing
Contact

: High temperature thermoplastic.
: Brass, gold plating over nickel on contact area. tin plating on solder area.
: Brass, nickel plated.

Shell

Mechanical:

Maximum Insertion force : 4,5Kgf.
Minimum Withdrawal Force : 1Kgf.
Durability : 2500 cycles.

Electrical Specification:

Maximum Operation voltage : 100V ac.
Current rating : 1.5A per contact.
Maximum Contact resistance : 45m ohm after physical and environmental testing.

Minimum Insulation resistance : 1000m ohm.
Dielectric with standing Voltage : 500V ac.

Environmental:

Operation temperature : - 25°C to + 85°C.

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DRAWN BY:

Veena

CHECKED BY:

Suresh

APPROVED BY:

G.Cook

DATE:

14/04/08

DATE:

14/04/08

DATE:

28/04/08

DRAWING TITLE:

E-SATA PLUG - R/A SMT

SIZE
A

DWG NO.

M10000862

ELECTRONIC FILE
1428281_DWG

REV
A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 2



PART NO.

6SAU07MP-320B-2

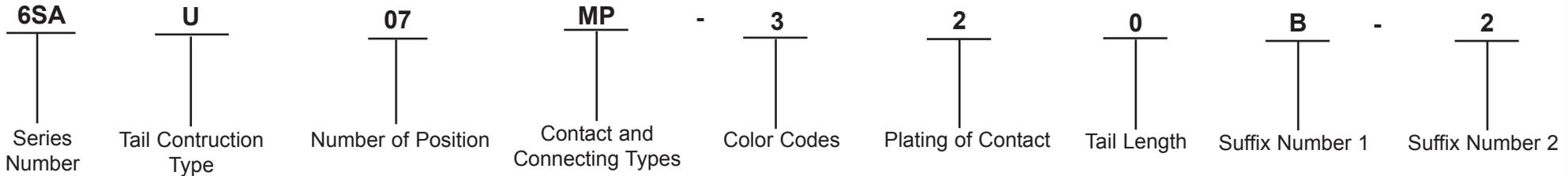
REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Veena	14/4/08	Suresh	14/4/08	G. C	28/4/08

Part Number Table

Description	Part Number
E-SATA PLUG R/A SMT	6SAU07MP-320B-2

Part Number Explanation:



- Series Number** : 6SA = Serial ata connector.
- Tail Construction Type** : U = Right angle SMT type.
- Number of Position** : 07 = 7 Positions.
- Contact and Connecting Types** : MP = Plug, metal shell type.
- Color Codes** : 3 = Black.
- Plating of Contact** : 2 = 15µ" gold over nickel.
- Tail Length** : 0 = SMT Type.
- Suffix Number 1** : B = Without logo.
- Suffix Number 2** : 02 = Without bottom spring.

<http://www.farnell.com>
<http://www.newark.com>
<http://www.cpc.co.uk>

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	Veena	14/04/08				
	CHECKED BY:	DATE:	SIZE A	DWG NO. M10000862	ELECTRONIC FILE 1428281_DWG	REV A
	Suresh	14/04/08				
	APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: mm	
G.Cook	28/04/08					