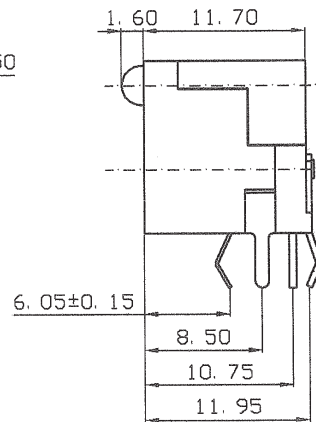
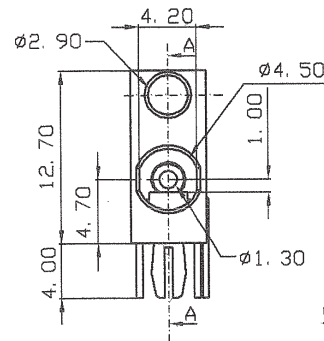
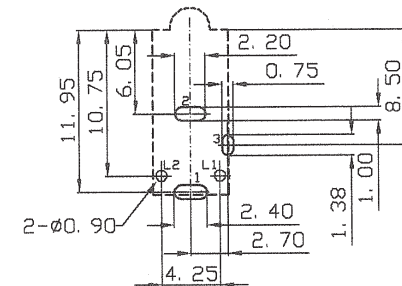


SEC A-A



Recommended PCB Layout
(BOTTOM VIEW)

MECHANICAL:

DURABILITY: 500 Cycles (Insertion & Withdrawl)

ELECTRICAL:

CONTACT RESISTANCE:

BEFORE DURABILITY TEST

BETWEEN TERMINALS: 30 MILLIOHMS Max.

PLUG TO CONTACTS: 50 MILLIOHMS Max.

AFTER DURABILITY TEST

BETWEEN TERMINALS: 60 MILLIOHMS Max.

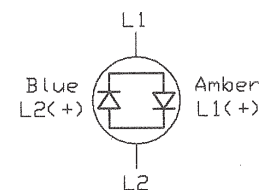
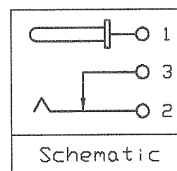
PLUG TO CONTACTS: 100 MILLIOHMS Max.

RATED VOLTAGE: 24V DC.

RATED CURRENT: 2.5 amps.

INSULATOR RESISTANCE: > 100 Megohms Min. At 500 VDC.

OPERATING TEMPERATURE: -25°C TO +85°C



MATERIAL:

INSULATOR: PBT (UL94V-0)

SIGNAL CONTACT: COPPER ALLOY, TIN PLATED

GROUND CONTACT: COPPER ALLOY, TIN PLATED

TERMINAL: COPPER ALLOY, TIN PLATED

HOW TO ORDER:

P 0 0 2 - 3 7 A 0 - 2 2 0 - Z

CENTER PIN DIAMETER:

3 - 1.3mm

PCB MOUNTING OPTIONS:

2 - SOLDER TAIL (Spring Tab)
RETENTION TAIL

PACKAGING:

2 - TUBE

**RoHS
COMPLIANT**

Rev		Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC. DC Power Connector with Blue / Amber LED, 1.3mm Ø Pin, Retention PC Tail P/N: P002-37A0-220-Z Pg: 1
0	Issued	B.S.	S.M.	S.M.	04/28/11	
TOL. DEC. X +/- 0.25 XX +/- 0.15 XXX +/- 0.08 ANGLE +/- 1° UNIT: mm						