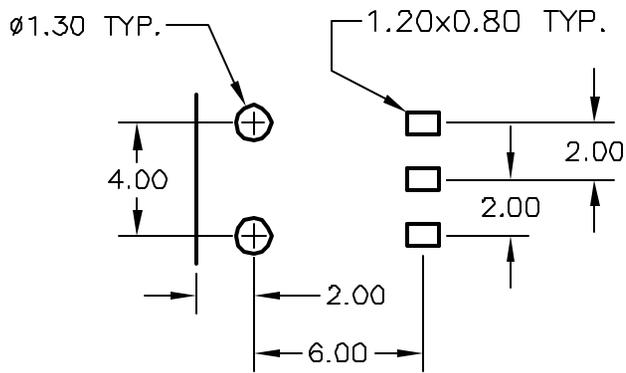
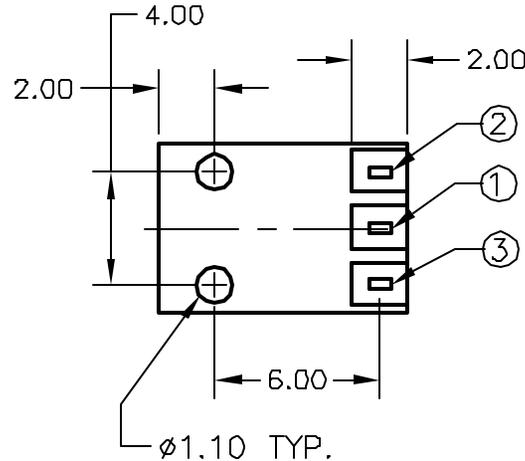
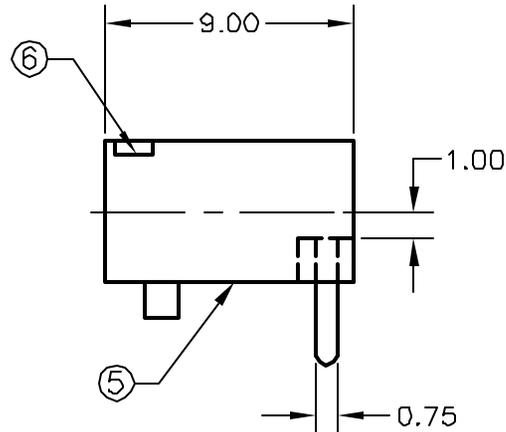
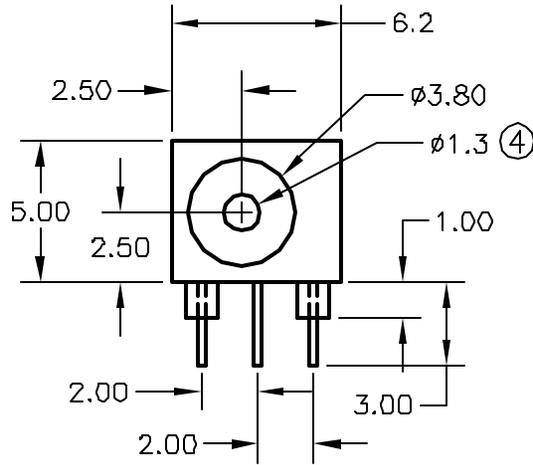


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DCP #		REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
2013		A	RELEASED	JN	01/12/09	JWM	01/12/09	JWM	01/12/09

DOC. NO. SPC-F005 \* Effective: 12/21/08 \* DCP No: 880



PCB LAYOUT

**SPECIFICATIONS**

**ELECTRICAL**

Contact rating: 1A at 20VDC  
 Contact Resistance: 30 milliohms Max. at 1A 20VDC  
 Insulation Resistance: 100 Megohms Min. at 500VDC  
 Dielectric Strength: 500VAC for one minute

**MECHANICAL**

Insertion Force: 0.5 to 2.0 kg  
 Withdrawal Force: 0.5 to 2.0 kg  
 Operating Life: 12,000 cycles

**ENVIRONMENTAL**

Storage temperature range: -40°C to 85°C  
 Operating temperature range: -40°C to 85°C  
 Humidity range: 10% RH TO 80% RH

**PLATING**

3.5 MICRON (138 MIRCINCHES) Min. Silver Over  
 2.0 MICRON (79 MIRCINCHES) Min. Copper Strike

**SOLDERABILITY**

95% Wetting Min. after 5 seconds dip in 230°C solder

Schematic	Item	Description	Material/Finish
	1	PIN TERMINAL	BRASS-SILVER PLATED 0.3T
	2	SLEEVE TERMINAL	PHOSPHOR BRONZE-SILVER PLATED 0.3T
	3	SLEEVE SHUNT	BRASS-SILVER PLATED 0.3T
	4	PIN	BRASS SILVER PLATED
	5	HOUSING	PPS UL94V0
	6	COVER	PPS UL94V0

**DISCLAIMER:**  
 ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Jason Nash	01/12/09
CHECKED BY:	DATE:
JWM	01/12/09
APPROVED BY:	DATE:
JWM	01/12/09

DRAWING TITLE:			
<b>POWER JACK</b>			
SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	SPC21373	11M0568.DWG	A
SCALE:	NTS	U.O.M.: mm	SHEET: 1 OF 1



**SPC TECHNOLOGY**