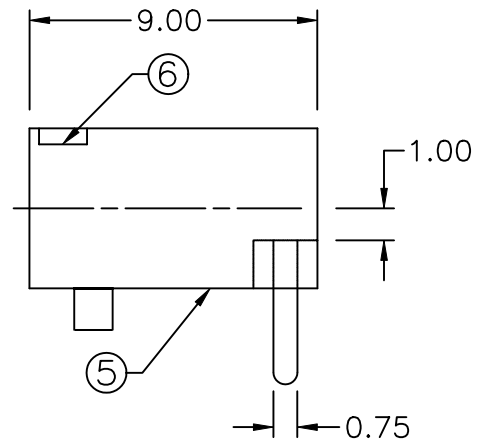
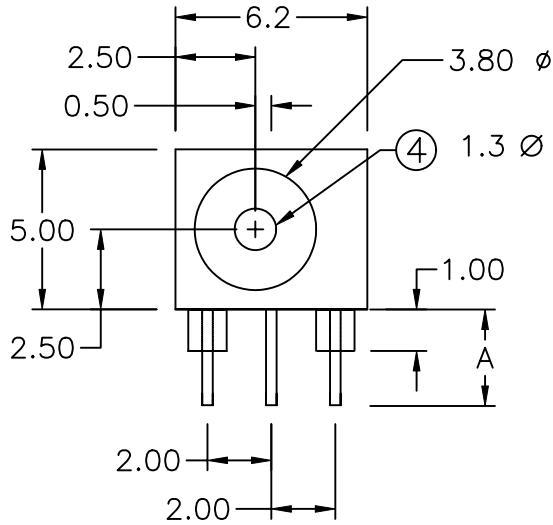


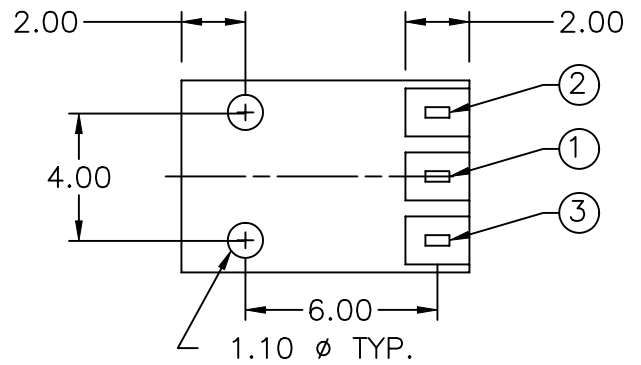
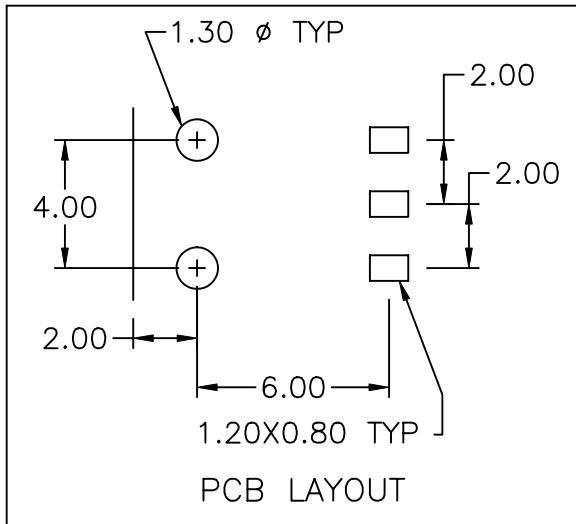
1	2	3	4
COMPONENT SPECIFICATION	USE OR REPRODUCTION OF THIS DRAWING FOR THE PURPOSE OF MANUFACTURING THIS ARTICLE OR ANY ARTICLES SHOWN FOR ANY PURPOSE IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION FROM SENIOR INDUSTRIES, INC.		

A



B

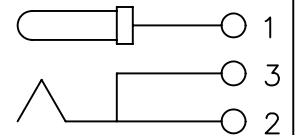
NOTE: PART MEETS THE REQUIREMENTS OF ROHS DIRECTIVE.



C

PART	DIM "A"
-1	3.00MM
-2	1.40MM

ITEM	DESCRIPTION	QTY	MATERIAL/FINISH
6	COVER	1	PPS UL94V0
5	HOUSING	1	PPS UL94V0
4	PIN	1	BRASS-SILVER PLATED
3	SLEEVE SHUNT	1	BRASS-SILVER PLATED 0.3T
2	SLEEVE TERMINAL	1	PHOSPHOR BRONZE, SILVER PLATED 0.3T
1	PIN TERMINAL	1	BRASS-SILVER PLATED 0.3T



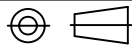
SCHEMATIC

D

E

DESIGNED:			SYM.	DATE:	DESCRIPTION OF REVISIONS:	DRAWN	APPD.
DRAWN:	RB	01/06/94	▲	09.01.00	Ch dim A, Plug Hole Dia, Post Dia; Material: PBT in PPS & specs	RB	JF
CHECKED:	GAT	12/20/05	▲	09.07.00	Changed Plating Spec to match SI-524	RB	JF
APPROVED:	JF	12/20/05	▲	01.10.05	New Index, Note Added	GAT	JF
			▲	08.31.05	Rem'd tape & reel pack, part has Bulk pack.	GAT	JF
			▲	12.20.05	Chged dim 6.00 w/ 6.2 and 1.3 support height w/ 1.00	GAT	JF

3RD ANGLE



UNIT:

mm

SCALE:

4:1

REV.

G



**SENIOR  
INDUSTRIES, INC.**

TOLERANCE:

TO 1 DECIMAL PLACE:	±.3
TO 2 DECIMAL PLACES:	±.13
AS ANGLES:	±1/2°

SHEET:

PART NO:

SI-523-X

TITLE:

POWER JACK

1 OF 2

1

2

3

4

COMPONENT  
SPECIFICATIONUSE OR REPRODUCTION OF THIS DRAWING FOR THE PURPOSE OF MANUFACTURING THIS  
ARTICLE OR ANY ARTICLES SHOWN FOR ANY PURPOSE IS STRICTLY PROHIBITED WITHOUT  
WRITTEN PERMISSION FROM SENIOR INDUSTRIES, INC.SPECIFICATIONSELECTRICAL

CONTACT RATING:	1A AT 20VDC
CONTACT RESISTANCE:	30 MILLIOHMS MAX. AT 1A 20VDC
INSULATION RESISTANCE:	100 MEGOHMS MIN. AT 500VDC
DIELECTRIC STRENGTH:	500VAC FOR 1 MINUTE

MECHANICAL

INSERTION FORCE:	0.5 KG – 2.0 KG
WITHDRAWAL FORCE:	0.5 KG – 2.0 KG
OPERATING LIFE:	12,000 CYCLES

ENVIRONMENTAL

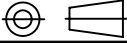
STORAGE TEMPERATURE RANGE:	-40°C TO 85°C
OPERATING TEMPERATURE RANGE:	-40°C TO 85°C
HUMIDITY RANGE:	10% RH TO 80% RH

PLATING:

3.5 MICRON (138 MICROINCHES) MIN. SILVER OVER  
2.0 MICRON (79 MICROINCHES) MIN. COPPER STRIKE.

SOLDERABILITY

95% WETTING MIN. AFTER 5 SECONDS DIP IN 230°C SOLDER

DESIGNED:			SYM.	DATE:	DESCRIPTION OF REVISIONS:	DRAWN	APPD.
DRAWN:	RB	01/06/94	△	09.01.00	Ch dim A, Plug Hole Dia, Post Dia; Material: PBT in PPS & specs	RB	JF
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			△	12.20.05	Chged dim 6.00 w/ 6.2 and 1.3 support heighth w/ 1.00	GAT	JF
3RD ANGLE			UNIT:	mm	SCALE:	REV.	G



TOLERANCE:

TO 1 DECIMAL PLACE: ±

TO 2 DECIMAL PLACES: ±

AS ANGLES: ±

SHEET:

PART NO:

SI-523-X

TITLE:

POWER JACK

2 OF 2