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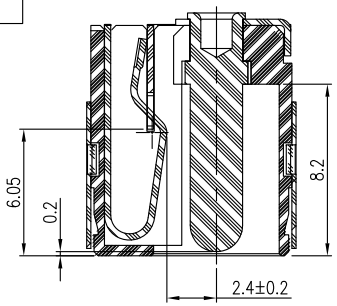
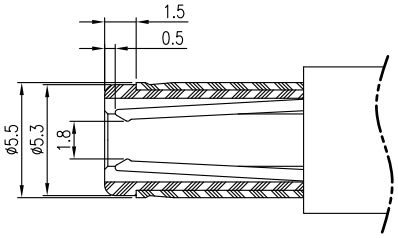
The marking on thisproduct doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant.

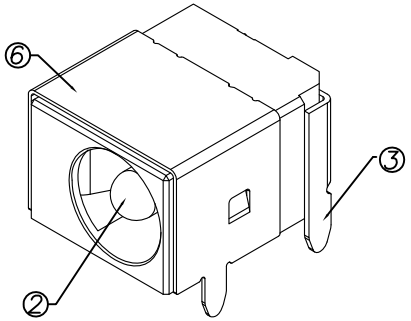
PRELIMINARY RELEASE
SUBJECT TO CHANGE

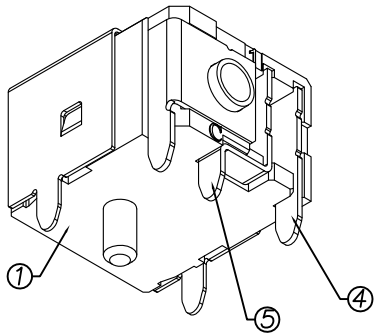
REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		NON-RELEASE REVISION	10/15/2009	Arron Lin

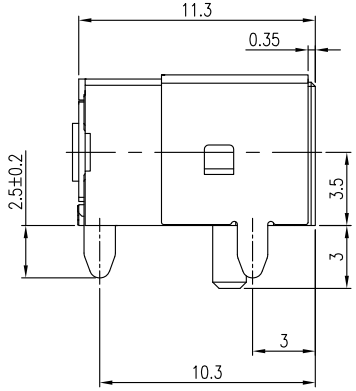


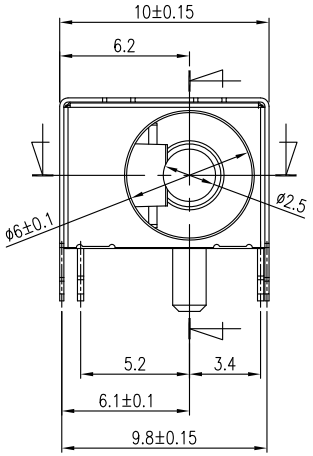


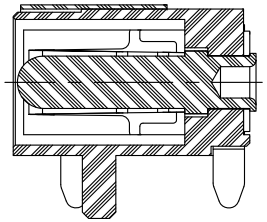
PLUG

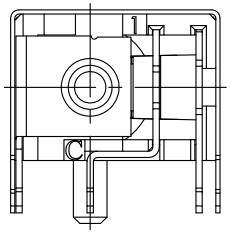


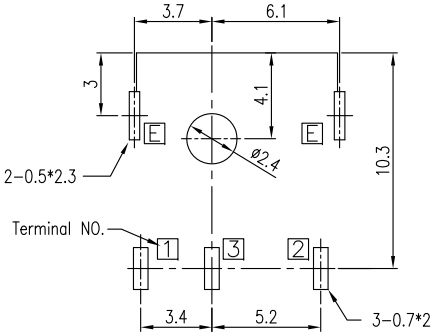




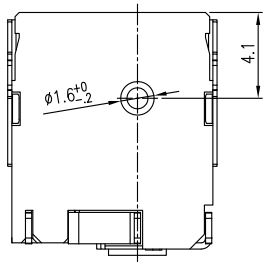


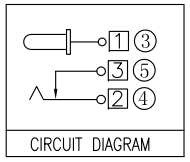






P.C.B Layout
(Top view)





CIRCUIT DIAGRAM

□ : TERMINAL NO.
○ : ITEM NO.

NO.	DESCRIPTION	QTY	MATERIAL	PLATING
⑥	Earth terminal	1	Stainless steel	Tin-Plating
⑤	Shunt terminal	1	Copper Alloy	Tin-Plating
④	Tip spring	1	Copper Alloy	Tin-Plating
③	Center pin contact	1	Copper Alloy	Tin-Plating
②	Center pin	1	Copper Alloy	Ni-Plating
①	Housing	1	HTN FR52G30NHBK	Black

SPECIFICATION
1.Rating : DC 30V 2.0A;
2.Contact resistance: ≤50mΩ;
3.Insulation resistance: ≥100MΩ (DC250V);
4.Withstand voltage: 500VAC ;
5.Insertion and extraction force: 3-30N;
6.life test: 5,000 cycles。

TOLERANCE	APPROVALS	DATE
X.	DRAWN Daniel Hsieh	10/15/2009
X.X ±0.30 X.XX ±0.20 X.XXX ±0.10	CHECKED Roger Tsai	10/15/2009
ANGULAR ±1°	APPROVED Arron Lin	10/15/2009
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE OTHER

TITLE: G24 SERIES
DC POWER JACK
HIGH RETENTION
FORCE OVER 10N

Amphenol®
Amphenol Corporation
Amphenol Taiwan Corporation

UNIT	SIZE	PART No.	
mm	A3	G2404037EU	
SCALE	SHEET	DWG No.	REV.
NA	1 OF 1	G2404037EU	AX1