

B ORDER INFORMATION:

PJSV-131-Y - GF

SEE NOTES 3 **E**
 RCA JACK COLOR OPTION:
 Y: YELLOW
 TOOLING FAMILY

C NOTES:

- ELECTRICAL:
 RCA PIN JACK:
 A. DIELECTRIC STRENGTH: AC 500V FOR 1 MINUTE.
 B. INSULATION RESISTANCE: 100 MEGAOHMS MIN.
 C. CONTACT RESISTANCE: 30 MILLIOHMS MAX.
 S-VIDEO JACK:
 A. DIELECTRIC STRENGTH: AC 250V FOR 1 MINUTE.
 B. INSULATION RESISTANCE: 50 MEGAOHMS MIN.
 C. CONTACT RESISTANCE: 30 MILLIOHMS MAX.

- RoHS COMPLIANT.
- FOR HIGH TEMPERATURE LEAD FREE MANUFACTURE PROCESS, ADD -GF SUFFIX.

CHART A

PART NUMBER	MATERIAL
PJSV-131-Y	ABS
PJSV-131-Y-GF	PBT + 15% GLASS FILLED

E

F

4. RECOMMENDED TEMPERATURE FOR SOLDER PROCESS:

A. MATERIAL: ABS

SOLDER CONDITION	TEMPERATURE
LEAD PROCESS	185 °C, 3 ~ 5 SECONDS
LEAD FREE PROCESS	185 °C, 3 ~ 5 SECONDS
HAND SOLDER PROCESS	185 °C, 3 ~ 5 SECONDS

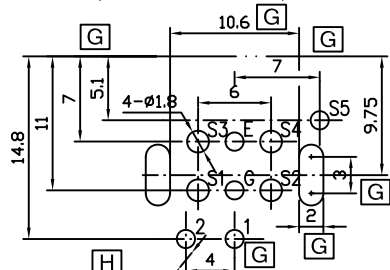
B. MATERIAL: PBT + 15% GLASS FILLED

SOLDER CONDITION	TEMPERATURE
LEAD PROCESS	225 °C, 3 ~ 5 SECONDS
LEAD FREE PROCESS	225 °C, 3 ~ 5 SECONDS
HAND SOLDER PROCESS	225 °C, 3 ~ 5 SECONDS

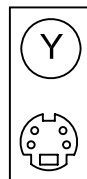
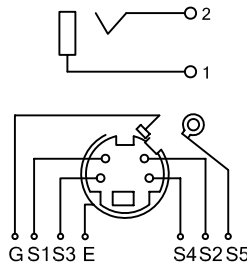
Circuit Diagram

Color

Y: Yellow



RECOMMENDED PCB LAYOUT (BOTTOM VIEW)
 TOLERANCE ±0.05mm



I	ADD DIM "ø11.5±0.4", "12.2", "ø7"	Vegas	07/03/09'
H	MODIFY PCB LAYOUT & CORRECT PLATING	Vegas	07/01/09'
G	CORRECT DIMENSIONS AND TOLERANCE CORRECT PLATING AND TERMINAL THICKNESS	Vegas	4/10/09'
F	ADD NOTES 4	AXL	3/8/07'
E	ADD CHART A AND NOTES 3	AXL	2/19/07'
D	CHANGE MATERIAL WAS ABS	AXL	2/2/07'
C	ADD NOTES	AXL	9/25/06'
B	REVISE ORDER INFORMATION	AXL	7/11/06'
A	ISSUED	Kevin	06/28/06'
REV	ECN NO.	NAME	DATE

G

TOLERANCE	
LINEAR	ANGLES
X<6±0.2	X°±
6<X<20±0.3	.X°±
X≥20±0.4	.XX°±
.XXX°±	



TITLE: RCA & S-Video Combo

PART NO. PJSV-131-Y

DWG NO. SC-20027

UNITS	SCALE	SHEET	REV
MM	NONE	1 OF 1	I

No	Name	QTY	Material	Coat Cladding Material
13	Outer Conductor	1	H65 Brass t=0.4	Tin 0.2um over CuSn 1-3um
12	Washer (Yellow)	1	SEE CHART A	UL 94V-0
11	Shield Patch	1	H62 Brass t=0.25	Tin 0.2um over CuSn 1-3um
10	Jack Needle	1	H62 BRASS t=0.25	Tin 0.2um over CuSn 1-3um
9	Pincer Needle	1	H62 Brass t=0.5	Tin 0.2um over CuSn 1-3um
8	Earth Needle	1	H62 Brass t=0.3	Tin 0.2um over CuSn 1-3um
7	Base (Black)	1	SEE CHART A	UL 94V-0
6	Long Terminal	1	QSn6.5-0.1 t=0.4	NiAg
5	Short Terminal	1	QSn6.5-0.1 t=0.4	NiAg
4	Long Terminal	1	QSn6.5-0.1 t=0.4	NiAg
3	Short Terminal	1	QSn6.5-0.1 t=0.4	NiAg
2	Earth Line	1	QSn6.5-0.1 t=0.25	NiAg
1	S-Outer Conductor	1	BRASS H62 t=0.35	Tin 0.2um over CuSn 1-3um