

6 5 4 3 2 1

MATERIAL AND FINISH

Insulator: ABS, UL 94V-HB rated
 Contact earth terminal: Brass, silver over nickel plated
 Tip terminal: Brass, silver over Nickel plated

MECHANICAL SPECIFICATIONS:

Insertion force: 3 Kg max.
 Withdrawal force: 0.8 to 3 Kg

ELECTRICAL SPECIFICATIONS:

Rated current: 1A
 Insulation resistance: 100 Mohm min. @ 500VDC
 Dielectric withstanding voltage: 500VAC for one minute
 Contact resistance: 30 mohm max. at 1 KHz and less than 100 mA
 Recommended wave solder: 180°C for 7 Sec

NOTES:

In part number, X(upper)X(lower) represent the insulation color combination such as white/red, yel/red etc. in the upper and lower connector.

The technical drawings include:
 - A front view showing two ports with dimensions: 20.0 total width, 16.0 between port centers, 9.0 from center to tip, 13.5 from tip to top, 14.0 from tip to bottom, 13.5 from tip to earth terminal, 3.6 and 2.0 for tip diameters, 1.0 for tip thickness, 1.1 for tip offset, 8.0 for base width, 1.6 for base offset, 15.7 for base length, and 2xØ3.25^{+0.05}/_{-0.02} for hole diameters.
 - A side view showing a total height of 11.7, a 3.0 offset, and a Ø8.3 diameter.
 - A recommended PCB layout (top view) showing dimensions: 15.7 for the main body, 8.25 and 7.0 for port offsets, 10.85 for the main body length, 11.85 for the main body width, 4.0 for the base offset, and 4.0 for the base width. It also shows 3X 1.6x1.0 and 2X 2.8x1.8 dimensions for the PCB pads.

D

C

B

A

REV	DATE	CHANGE	CHNG		CHK		APPR	
			SLS	TD	SLS	TD	SLS	FP
A	7/8/99	DIMENSION CHANGE						
B	8/3/99	SOLDER TEMP. CHANGE						
C	9/14/99	ADD NOTE						
D	5/30/03	REVISED						

SCHEMATIC

WASHER COLOR

TOLERANCE UNLESS OTHERWISE SPECIFIED

X ± 1
 X.X ± 0.4
 X.XX ± 0.20

DRAWN BY	TD	DATE:	05/12/99
CHECK BY	PJ	DATE:	6/14/99
APPR BY	SS	DATE:	6/14/99

Power Dynamics, Inc.
 Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: RIGHT ANGLE; DUAL PORT STACKED
 RCA JACK, PCB MOUNT TYPE

RCA-072XX

SIZE: A
 SCALE: NTS

ALL DIMENSIONS FOR REFERENCE ONLY
 DIMENSIONS ARE IN MILLIMETERS

SHEET 1 of 1
 REV: D

6 5 4 3 2 1

6

5

4

3

2

1

MATERIAL AND FINISH:

Insulator: ABS, UL 94V-HB rated
Contact earth terminal: Bronze Nickel plated
Tip terminal: Bronze, Nickel plated

MECHANICAL SPECIFICATIONS:

Insertion force: 1300±200g
Withdrawal force: 1300±200g

ELECTRICAL SPECIFICATIONS:

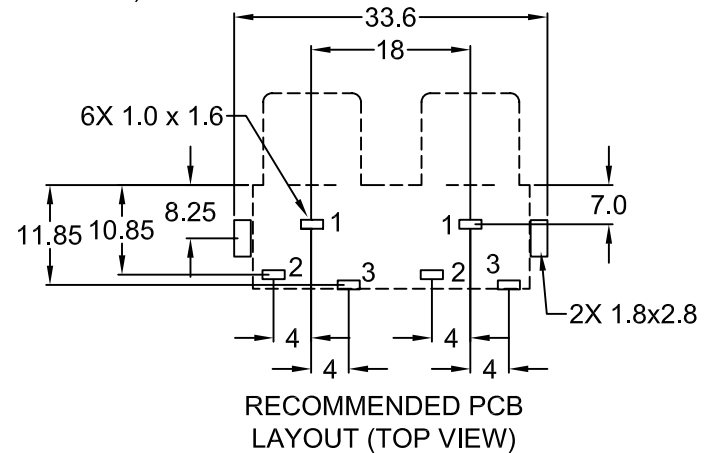
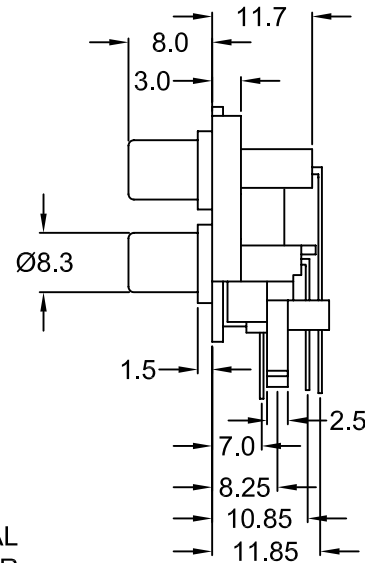
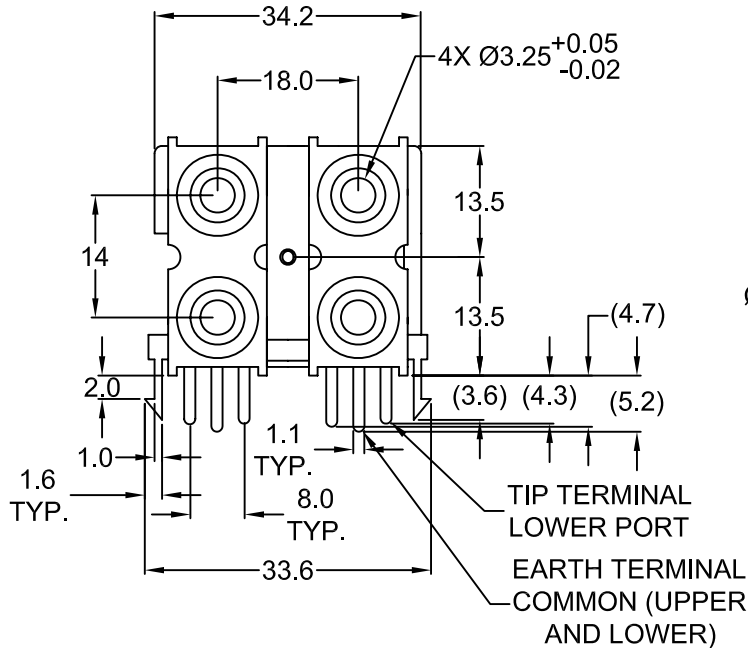
Rated current: 1A
Insulation resistance: 100 Mohm min. @ 500VDC
Dielectric withstanding voltage: 500VAC for one minute
Contact resistance: 30 mohm max. at 1 KHz and less than 100 mA

SOLDERABILITY:

Recommended wave solder: 180°C for 7 Sec

NOTE:

Color are left to right starting from top to bottom



D

D

C

C

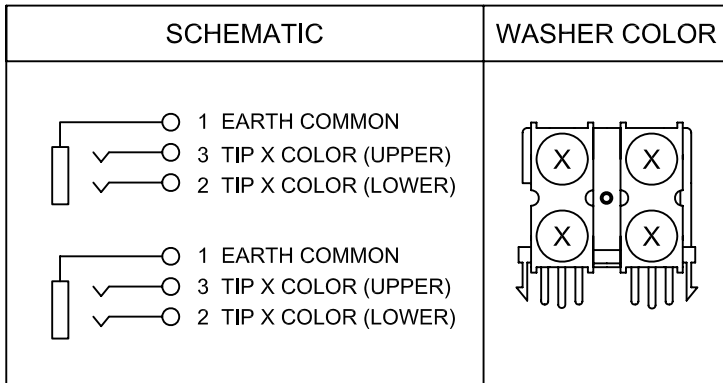
B

B

A

A

REV	DATE	CHANGE	CHNG	CHK	APPR
	A	5/30/03	UPDATED	TD	FP
B	1/25/08	PINS #2 & 3 REVERSED IN SCHEMATIC			



TOLERANCE UNLESS OTHERWISE SPECIFIED	
X	± 1
X.X	± 0.4
X.XX	± 0.20
DRAWN BY	SS
CHECK BY	DATE: 8/12/99
APPR BY	DATE:

Power Dynamics, Inc.
Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: RIGHT ANGLE, STACKED RCA JACK; PCB MOUNT

RCA-084XX

ALL DIMENSIONS FOR REFERENCE ONLY
DIMENSIONS ARE IN MILLIMETERS

SHEET 1 of 1
REV: B

6

5

4

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2

1

6

5

4

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2

1

MATERIAL AND FINISH:

Insulator: ABS, UL 94V-HB rated
Contacts & Earth terminal: Bronze, Nickel plated
Tip terminal: Bronze, Nickel plated

MECHANICAL SPECIFICATIONS:

Insertion force: 3.0kg max.
Withdrawal force: 0.1 - 3.0kg
Durability: 5000 cycles @ 40 cycles / minute

ELECTRICAL SPECIFICATIONS:

Rated current: 0.5A
Rated Voltage: 30VDC
Insulation resistance: 100 Mohm min. @ 500VDC
Dielectric withstanding voltage: 500VAC for one minute
Contact resistance: 30 mohm

SOLDERABILITY:

Manual soldering: 350°C for 4 second

ENVIRONMENTAL:

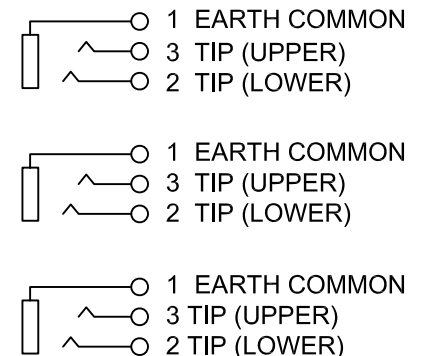
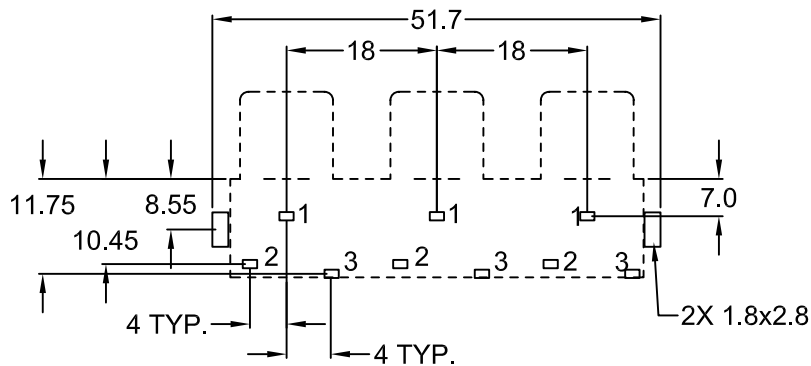
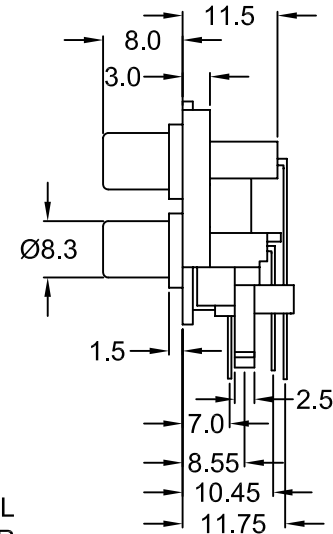
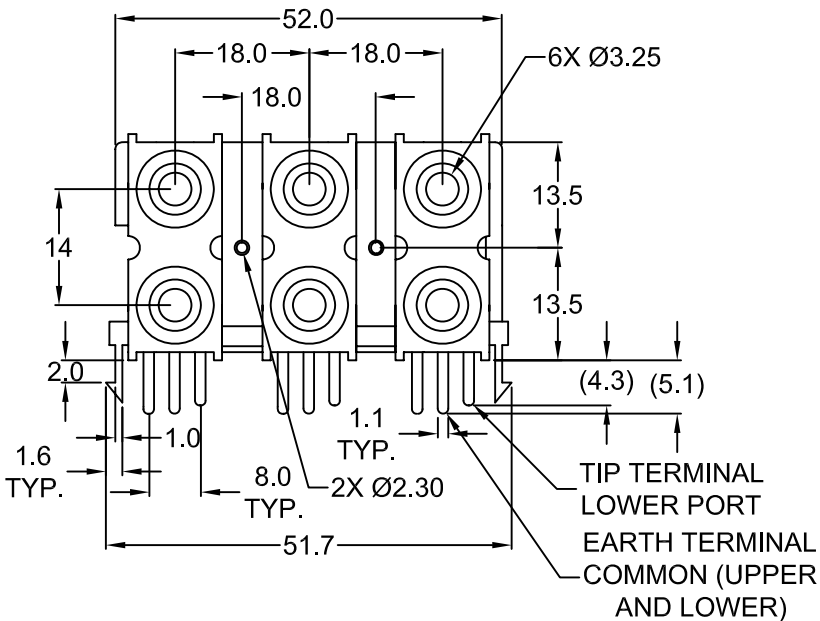
Operating temperature: -10°C ~ +60°C

NOTE:

Replace first X in part number with color of top jack and second X with color of bottom jack.

Available colors:

B = Black, R = Red, W = White, G= Green, BL = Blue & Y = Yellow



RECOMMENDED PCB LAYOUT (TOP VIEW)

SCHEMATIC

REVISIONS	REV	DATE	CHANGE	CHKG	CHKD	APPR
	A	8/27/01	UPDATED DRAWING	PB	TD	
	B	10/18/02	REVISED	TD	PB	
	C	1/25/08	PIN # 2 & 3 REVERSED IN SCHEMATIC			

RoHS COMPLIANT

TOLERANCE UNLESS OTHERWISE SPECIFIED	
X	± 1
X.X	± 0.4
X.XX	± 0.20
DRAWN BY	SS
DATE:	8/12/99
CHECK BY	TD
DATE:	8/13/99
APPR BY	
DATE:	

Power Dynamics, Inc.
Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: STACKED RCA JACK; RIGHT ANGLE PCB MOUNT

RCA-096XX

SIZE: A SCALE: NTS ALL DIMENSIONS FOR REFERENCE ONLY DIMENSIONS ARE IN MILLIMETERS

SHEET 1 of 1 REV: C

6

5

4

3

2

1