

RCA SERIES




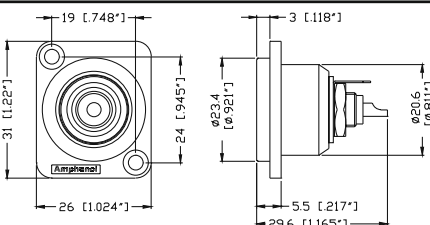
Features:

- Stylish design
- Flexible grommet cable protection
- Robust diecast shell
- Gold plated contacts
- Colour coded
- Good solderability
- Quick and easy assembly
- Panel mount utilises standard 'D' type housing

Part Number Breakdown: Page 121

| PRODUCT - FIGURE | DRAWING | DESCRIPTION | VARIATIONS | PART NUMBER |
|------------------|---------|---|----------------|-------------|
| | | RCA Plug, Diecast Shell, Gold plated contacts, Coloured finish, Flexible coloured grommet | Red | ACPR-RED |
| | | | Black | ACPR-BLK |
| | | | Yellow | ACPR-YEL |
| | | | White | ACPR-WHT |
| | | | Blue | ACPR-BLU |
| | | | Green | ACPR-GRN |
| | | RCA Plug, Diecast Shell, Gold plated contacts, Satin finish, Flexible coloured grommet | Satin / Red | ACPR-SRD |
| | | | Satin / Black | ACPR-SBK |
| | | | Satin / Yellow | ACPR-SYL |
| | | | Satin / White | ACPR-SWH |
| | | | Satin / Blue | ACPR-SBL |
| | | | Satin / Green | ACPR-SGR |
| | | RCA Jack, Diecast Shell, Gold plated contacts, Coloured finish, Flexible coloured grommet | Red | ACJR-RED |
| | | | Black | ACJR-BLK |
| | | | Yellow | ACJR-YEL |
| | | | White | ACJR-WHT |
| | | | Blue | ACJR-BLU |
| | | | Green | ACJR-GRN |
| | | RCA Jack, Diecast Shell, Gold plated contacts, Satin finish, Flexible coloured grommet | Satin / Red | ACJR-SRD |
| | | | Satin / Black | ACJR-SBK |
| | | | Satin / Yellow | ACJR-SYL |
| | | | Satin / White | ACJR-SWH |
| | | | Satin / Blue | ACJR-SBL |
| | | | Satin / Green | ACJR-SGR |
| | | RCA Plug, Shortened Diecast Shell, Gold plated contacts, Black Chrome finish, Flexible coloured grommet | Red | ACPL-CRD |
| | | | Black | ACPL-CBK |
| | | | Yellow | ACPL-CYL |
| | | | White | ACPL-CWH |
| | | | Blue | ACPL-CBL |
| | | | Green | ACPL-CGR |

NOTE: RCA Series comply with EU RoHS 2 Directive 2011/65/EU

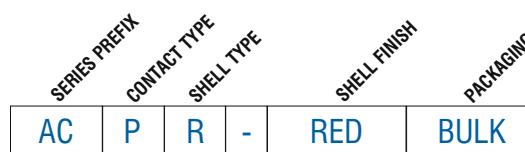
| PRODUCT - FIGURE | DRAWING | Dimensions in mm (inches) | DESCRIPTION | VARIATIONS | PART NUMBER |
|---|---|---------------------------|---|--|--|
|  |  | | RCA Jack, Diecast Shell, Gold plated contacts, Nickel finish shell, coloured insulator. | <ul style="list-style-type: none"> Red Black Yellow White Blue Green | <ul style="list-style-type: none"> ACJD-RED ACJD-BLK ACJD-YEL ACJD-WHT ACJD-BLU ACJD-GRN |

NOTE: RCA Series comply with EU RoHS 2 Directive 2011/65/EU

PART NUMBER BREAKDOWN

M SERIES RCA

E. G. **ACPR-RED BULK**
AC (Series Prefix), **P** (Plug), **R** (Shell type), **RED** (Shell and Grommet Colour), **Bulk** Packaged.



| | | | |
|---------------------------------|---|---|------------------------------|
| SERIES PREFIX | AC | = | Series Prefix |
| CONTACT TYPE | J | = | RCA Female Jack |
| | P | = | RCA Male Plug |
| SHELL TYPE | R | = | Regular Shell Length |
| | L | = | Short Shell Length |
| | D | = | Chassis Jack 'D' Shell |
| SHELL AND GROMMET COLOUR | RED | = | Red, Red Grommet |
| | BLK | = | Black, Black Grommet |
| | YEL | = | Yellow, Yellow Grommet |
| | WHT | = | White, White Grommet |
| | BLU | = | Blue, Blue Grommet |
| | GRN | = | Green, Green Grommet |
| | SRD | = | Satin Nickel, Red Grommet |
| | CRD | = | Black Chrome, Red Grommet |
| | SBK | = | Satin Nickel, Black Grommet |
| | CBK | = | Black Chrome, Black Grommet |
| | SYL | = | Satin Nickel, Yellow Grommet |
| | CYL | = | Black Chrome, Yellow Grommet |
| | SWH | = | Satin Nickel, White Grommet |
| | CWH | = | Black Chrome, White Grommet |
| | SBL | = | Satin Nickel, Blue Grommet |
| | CBL | = | Black Chrome, Blue Grommet |
| | SGR | = | Satin Nickel, Green Grommet |
| | CGR | = | Black Chrome, Green Grommet |
| | NOTE: Denotes colour of insulator only on shell type D, Chassis Jack 'D' Shell. Shell finish is Nickel. | | |
| PACKAGING | Blank | = | Individual Bags |
| | BULK | = | Bulk Packed |



RCA TECHNICAL DATA

| | | VALUE |
|-----------------------------------|---|--|
| GENERAL CHARACTERISTICS | Number of Contacts | 2 |
| | Termination | Solder |
| | Max. Wire Gauge - Stranded Wire | AWG 14 - 2.5mm ² |
| | Flammability rating of insulating plastics | UL94V-0 |
| | Solderability, complies with | IEC 68-2-20 |
| | Environmental | Complies with EU RoHS 2 Directive 2011/65/EU |
| ELECTRICAL CHARACTERISTICS | Current Carrying Capacity | 10A (Depends on Mating Connector) |
| | Typical Contact Resistance | ≤10mΩ (Depends on Mating Connector) |
| | Insulation resistance (initial) After Damp Heat Test | > 2GΩ ≥ 10 ³ Meg Ω |
| | Dielectric Strength | 1500 V dc |
| CLIMATIC CHARACTERISTICS | Protection Class | IP40 |
| | Operating Temperature | -25°C to +75°C (-13°F to +167°F) |
| MECHANICAL CHARACTERISTICS | Insertion and Withdrawal Force | ≥10N - ≤30N (depends on mating connector) |
| | Cable O.D. | 3mm to 7mm (0.118" to 0.275") |
| | Mechanical Operations | 500 mating cycles |
| | Weight - Cable Mount - Panel Mount | 18g (0.039lb) 30g (0.066lb) |
| MATERIALS | Connector Shell Material (Plugs) | Diecast Zinc Alloy EZDA No.3 |
| | Connector Shell Finish | Satin Nickel or Coloured Polyester |
| | Insulators | PA66 |
| | Cable Bushing | Thermoplastic Polyurethane |
| | Contacts | Brass Alloy |
| | Plating | Gold Flash |

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¹⁾Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.

