

Features

- DC Socket
- 2 sizes Ø2.1mm or Ø2.5mm
- Panel mount
- Rated 12V, 1A.

RS PRO Round DC Socket, Rated 12V. 1A. Panel Mount.

RS Stock No.: 0558389, 0558390



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

DC power sockets are designed to couple with push fit DC power plugs. They are suitable for powering small appliances such as portable radios. This round style has a threaded M12.7mm thread for panel mounting. It is supplied with a nut and has solder tags.

General Specifications

DC Power Connector type	DC Socket
Body Orientation	Straight
Mounting type	Panel mount
Body Material	PBT
Contact Material	Brass
Contact Plating	Tin plated

Electrical Specifications

Current Rating	1A
Voltage Rating	12V
Insulation Resistance	100M Ω @ DC500V
Contact Resistance	Pin to contact (T-TS): Initial $\leq 30\text{m}\Omega$ After life test $\leq 60\text{m}\Omega$ Plug shield to socket (t,s): Initial $\leq 50\text{m}\Omega$ After life test $\leq 100\text{m}\Omega$

Mechanical Specifications

Pin diameter	$\varnothing 2.1\text{mm}$ or $\varnothing 2.5\text{mm}$
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Approvals

Standards Met	RoHS
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Similar Products

Stock No.	Brand	Product Name	Pin diameter
0558389	RS PRO	Round DC Socket	2.1mm Ø
0558390	RS PRO	Round DC Socket	2.5mm Ø

