

## FEATURES

- 10-Way female IDC connector socket
- 2-Row
- Cable mounting
- 2.54mm long
- Operating temperature range - 40°C to +105°C
- Gold-over-nickel plated contacts
- Right-angle orientation
- Voltage rating of 500V
- Current rating of 1A
- Insulation resistance of 5,000 mΩ a minute at dc 500V
- Glass fibre reinforced PBT housing
- Phosphor bronze contact material

# RS PRO 10-Way IDC Connector Socket for Cable Mount, 2-Row

RS Stock No.: 642-4979



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

This 10-way IDC connector from the RS PRO range offers a quick and easy way to terminate a ribbon cable. Its sharp contact points pierce the wire so you don't need to do any stripping. Suitable for cable mounting, this socket's right-angled orientation enables you to get the most from your space. This type of plug is commonly used in low-voltage applications like computing and telecommunications.

## General Specifications

<b>Connector Type</b>	Socket
<b>Number of Contacts</b>	20
<b>Number of Rows</b>	2
<b>Gender</b>	Female
<b>Body Orientation</b>	Right Angle
<b>Contact Material</b>	Phosphor Bronze
<b>Housing Material</b>	Glass Fibre Reinforced PBT
<b>Colour</b>	Black
<b>Applications</b>	Computing and Telecommunications

### Electrical Specifications

<b>Current Rating</b>	1A
<b>Voltage Rating</b>	500VDC
<b>Termination Method</b>	IDC
<b>Contact Plating</b>	Gold plated over nickel
<b>Contact Resistance</b>	5000mO max. at DC 500V

### Mechanical Specifications

<b>Pitch</b>	2.54mm
<b>Mounting Type</b>	Cable Mount
<b>Length</b>	2.54mm

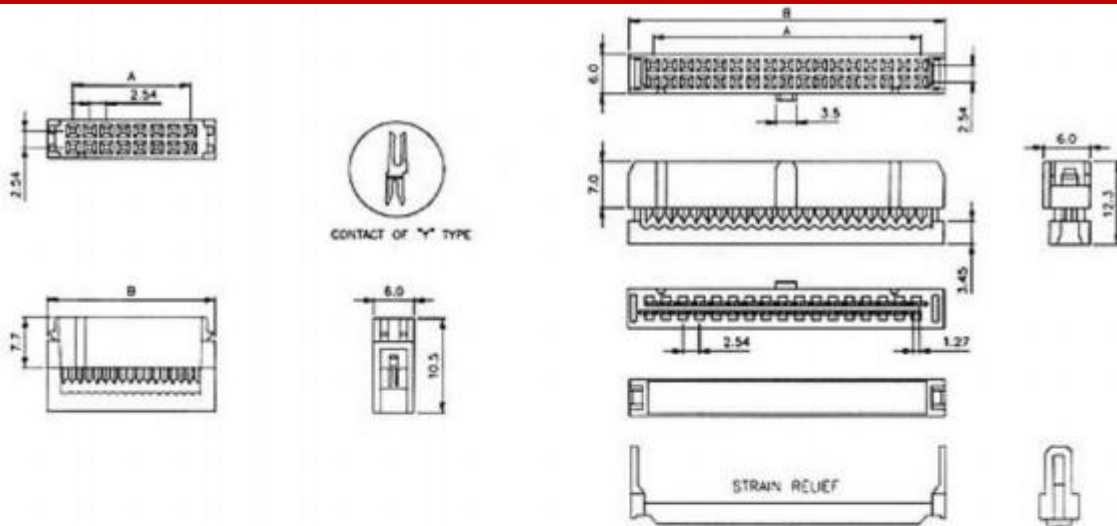
### Operation Environment Specifications

<b>Operating Temperature Range</b>	-45°C to +105°C
<b>Minimum Operating Temperature</b>	-45°C
<b>Maximum Operating Temperature</b>	+105°C

### Approvals

<b>Standards Met</b>	IDC, ANSI/ESD S20.20:2014 and BS EN 61340-5-1:2007, RoHS certified, UL94V-0
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Position	A	B
6P	5.08	12.16
8P	7.62	14.74
10P	10.16	17.20
12P	12.70	19.80
14P	15.24	22.50
16P	17.78	24.94
20P	22.86	30.08
24P	27.94	35.16
26P	30.48	37.58

Position	A	B
30P	35.56	42.66
34P	40.64	47.80
40P	48.26	50.42
44P	53.34	60.56
50P	60.96	68.28
56P	68.58	75.74
60P	73.66	80.96
62P	76.20	83.32
64P	78.74	85.94