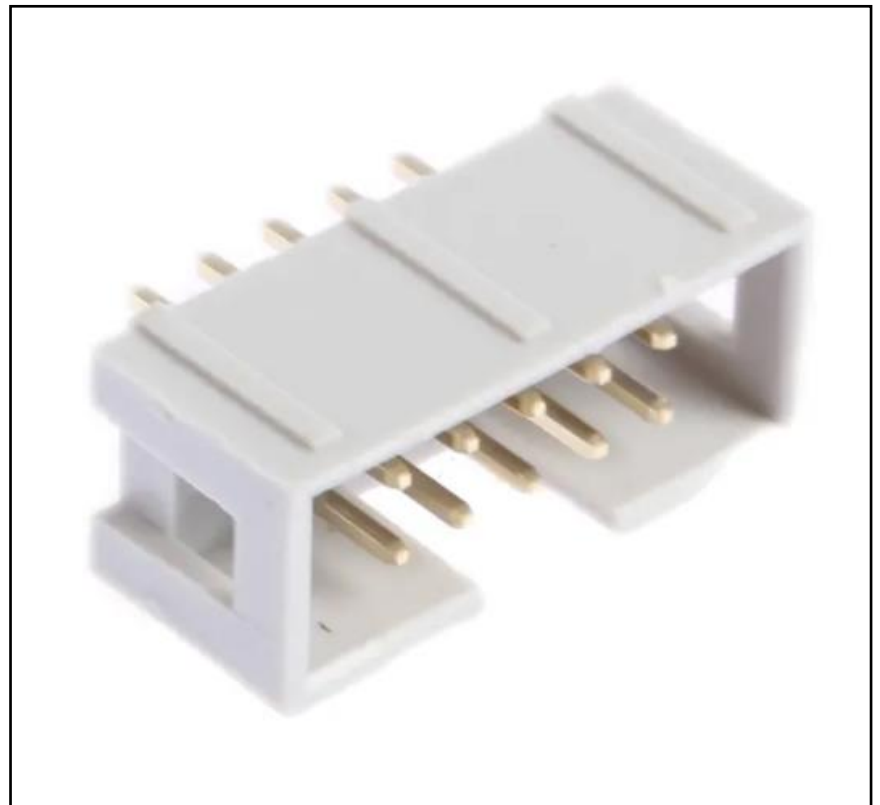


## FEATURES

- 10-Way, male IDC connector plug, 2 Row
- Straight orientation
- Through-hole mounting
- 2.54 mm long
- Solder spill connections suitable for standard 1.6-mm PCBs
- Operating temperature range - 45°C to +105°C
- Low-resistance gold-plated contacts
- Current rating of 1 A
- Insulation resistance of 5,000 mΩ a minute at dc 500V

# RS PRO 10-Way IDC Connector Plug for Through Hole Mount, 2-Row

RS Stock No.: 625-7252



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

Need to connect to a conductor for applications like computing? This 10-way, straight IDC connector from RS PRO is suitable for through-hole mounting. Its sharp contact points pierce cable insulation to make contact with the conductor, so you don't have to worry about stripping any wires. The solder spill connections are on a 0.1-inch grid, suitable for standard 1.6-mm thick printed circuit boards.

### General Specifications

<b>Connector Type</b>	Plug
<b>Number of Contacts</b>	10
<b>Number of Rows</b>	2
<b>Gender</b>	Male
<b>Body Orientation</b>	Straight
<b>Contact Material</b>	Copper
<b>Housing Material</b>	30% glass filled PBT UL94V-0 Grey
<b>Colour</b>	Grey
<b>Applications</b>	Computers connecting drives, cd drives, SSD's and other components

### Electrical Specifications

<b>Current Rating</b>	1A
<b>Termination Method</b>	IDC
<b>Contact Plating</b>	Gold plated over nickel
<b>Insulator Resistance</b>	5000MO min. at DC 500V
<b>Contact Resistance</b>	20MO max. at DC 100mA

### Mechanical Specifications

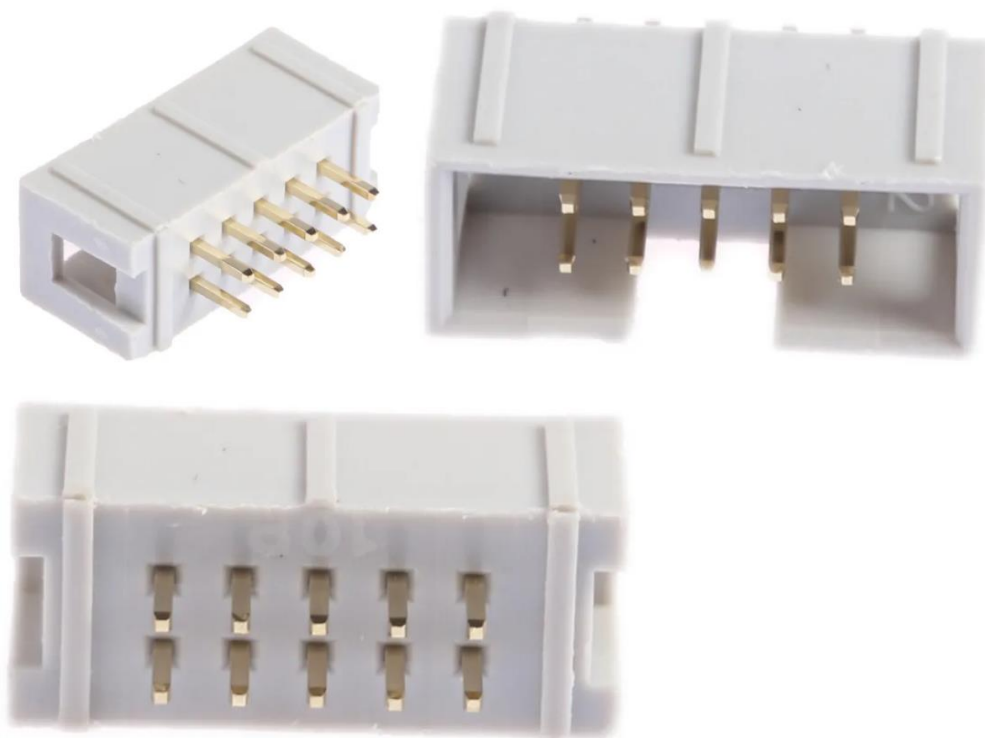
Pitch	2.54mm
Mounting Type	Through Hole

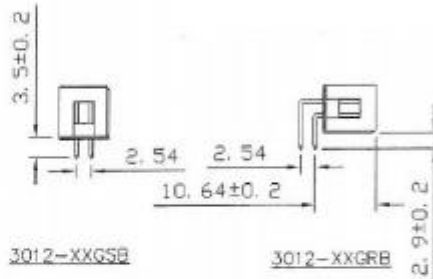
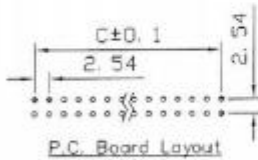
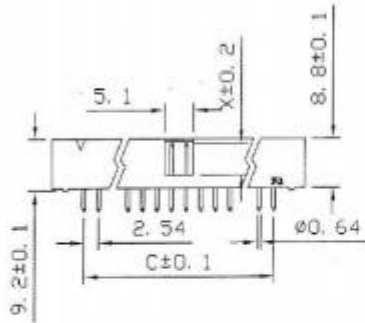
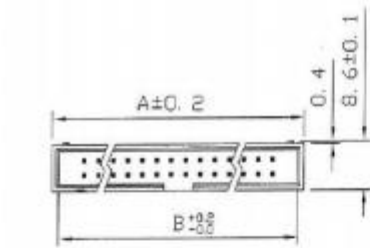
### Operation Environment Specifications

Operating Temperature Range	-45°C to +105°C
Minimum Operating Temperature	-45°C
Maximum Operating Temperature	+105°C

### Approvals

Standards Met	IDC; BT224, ANSI/ESD S20.20:2014 and BS EN 61340-5-1:2007, RoHS certified, UL94V-0
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Position	Dimension		
	A	B	C
10	20.34	18.10	10.16
14	25.48	23.18	15.24
16	27.90	25.72	17.78
20	33.05	30.80	22.86
26	40.68	38.42	30.48
34	50.80	48.58	40.64
40	58.46	56.20	48.26
50	71.10	68.90	60.96
60	83.80	81.60	73.66
64	89.10	86.68	78.74

