

Features

18-Way IDC
Connector Socket for
Cable Mount, 2-Row

RS PRO IDC Connectors

RS Stock No.: 0717854



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 cable mount IDC ribbon cable receptacle connectors come with a 2.54mm pitch. These wire to board IDC 2.54mm ribbon cable receptacle connectors have a black PBT insulator, gold plated copper alloy female socket contacts, a polarizing key and are supplied with additional strain reliefs.*

General Specifications

Connector Type	Jack
Number of Contacts	18
Number of Rows	2
Gender	Female
Body Orientation	Straight
Contact Material	Phosphor Bronze
Housing Material	PBT
Colour	Black
Applications	computers connecting drives, cd drives, SSD's and other components

Electrical Specifications

Current Rating	3A
Voltage Rating	AC 1000V
Proof Voltage	1000VDC or AC peak
Termination Method	IDC
Contact Plating	Gold over Nickel Plated
Cable	2.54mm (0.10in) pitch flat cable
Insulator Resistance	1000MOhm min. at DC 500V
Contact Resistance	20mOhm max. at DC 100mA
Dielectric Withstanding Voltage	1000VAC for 1 Minute
Connector System	Wire to Board

Mechanical Specifications

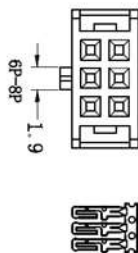
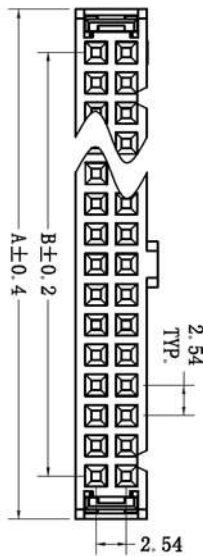
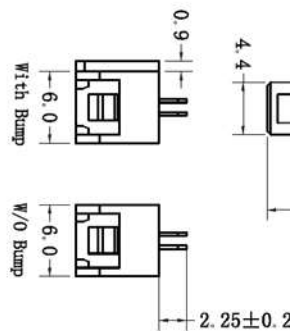
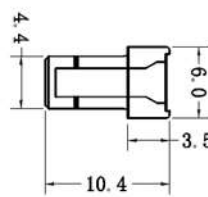
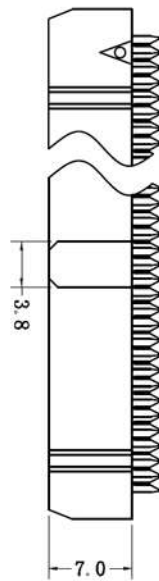
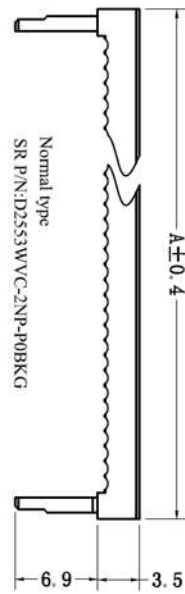
Pitch	2.54mm
Mounting Type	Cable Mount
Ejector Style	Short latches
Length	27.56mm
Width	6.9mm

Operation Environment Specifications

Operating Temperature Range	-40°C to 105°C
Minimum Operating Temperature	-40°C
Maximum Operating Temperature	105°C

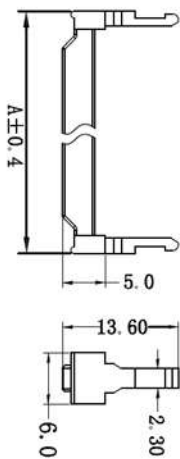
Approvals

Compliance/Certifications	CE, RoHS, REACH
Declarations	IDC

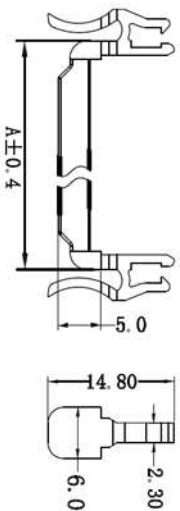


A=2.54*NO of Positions/2+4.70
B=2.54*NO of Positions/2-2.54

A TYPE Three Piece
SR P/N: D2553WVC-2NP-P0BKGI



B TYPE Three Piece
SR P/N: D2553WVD-2NP-P0BKGI



SPECIFICATION:

Current Rating: 3 A.
Withstanding Voltage: AC 1000V.
Insulation Resistance: 1000MΩ Min
Contact Resistance: 20mΩ Max..
Operating Temperature: -40°C ~ +105°C.

D2553 W V X-2NP - P0 XX G X

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
 - ② Category: W-Wafer
 - ③ Welding Board Angle: V- Straight 180°
 - ④ Feature Type: C-C type D-D type
 - ⑤ Circuit No.: 206-2x3PIN~264-2x32PIN,
 - ⑥ Material: P0-PBT, UL94V-0
 - ⑦ Color: BK-Black GY-Gray
 - ⑧ Plating Method: G-Au Or Sn Over Ni-E-Au 30u"
 - ⑨ Options: Blank-Normal type
- 1- A TYPE 3 pieces : 1- B TYPE 3 pieces

GENERAL TOLERANCE

.X ±0.3
.XX ±0.2
.XXX ±0.1