

## 20-Way IDC Connector Socket for Cable Mount, 2-Row

**RoHS  
Compliant**

Stock No.: D2553WVC-220-P0BKG1

### FEATURES

- 20 Ways
- 2 Rows
- 2.54mm Pitch



### 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	20
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

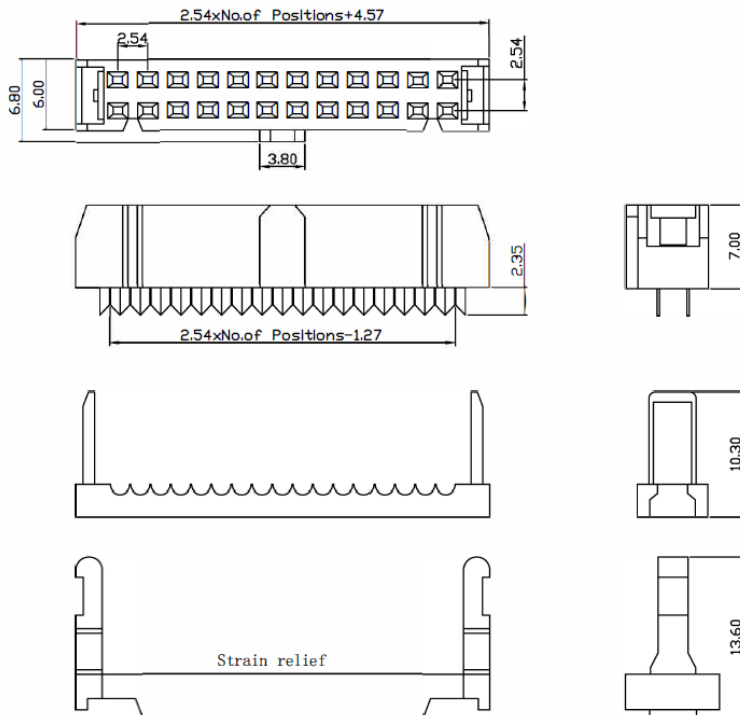
## Mechanical Specifications

<b>Pitch</b>	2.54mm
<b>Mounting Type</b>	Cable Mount
<b>Ejector Style</b>	Short latches
<b>Length</b>	29.97mm
<b>Width</b>	7.0mm

## Operation Environment Specifications

<b>Operating Temperature Range</b>	-40°C to 105°C
<b>Minimum Operating Temperature</b>	-40°C
<b>Maximum Operating Temperature</b>	105°C

## Product Drawing



### SPECIFICATION:

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

### Material:

Insulator: PBT+30% Glass Fiber (UL94V-0).  
Contact: Phosphor Bronz  
Contact Plated: Gold over Nickel Plated.

D2553 W V C- 2NP - P0 BK X 1  
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: Blank-Normal type, A-A type, B type, C-C type
- ⑤ Circuit No.: 210-2x5PIN~264-2x32PIN,
- ⑥ Material: P0-PBT, UL94V-0
- ⑦ Color: BK-Black
- ⑧ Plating Method: T-Tin-plated, G-Gold-plated,
- ⑨ Options: 1- 3 pieces

Dimensions: Millimeters (Inches)

## Part Number Table

Part Number	Description
D2553WVC-220-P0BKG1	20-Way IDC Connector Socket for Cable Mount, 2-Row

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