

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

RoHS  
Compliant

Stock No.: D2553WVC-234-P0BKG1

### FEATURES

- 34 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

|                           |  |
|---------------------------|--|
| <b>Connector Type</b>     | Jack   |
| <b>Number of Contacts</b> | 34   |
| <b>Number of Rows</b>     | 2  |
| <b>Gender</b>             | Female   |
| <b>Body Orientation</b>   | Straight   |
| <b>Contact Material</b>   | Phosphor Bronze  |
| <b>Housing Material</b>   | PBT  |
| <b>Colour</b>             | Black  |
| <b>Applications</b>       | computers connecting drives, cd drives, SSD's and other components |

### Electrical Specifications

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

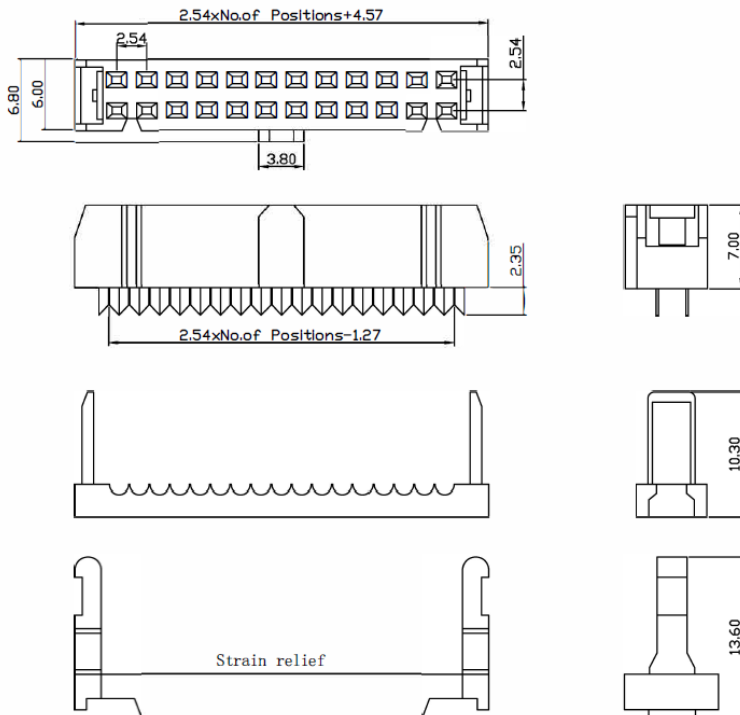
## Mechanical Specifications

|                      |               |
|----------------------|---------------|
| <b>Pitch</b>         | 2.54mm        |
| <b>Mounting Type</b> | Cable Mount   |
| <b>Ejector Style</b> | Short latches |
| <b>Length</b>        | 47.75mm       |
| <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

- 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-234-P0BKG1 | 34-Way IDC Connector Socket for Cable Mount, 2-Row |

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