

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

RoHS
Compliant

Stock No.: D2553WVC-226-P0BK6

FEATURES

- 26 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 | 26 |
| 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 |

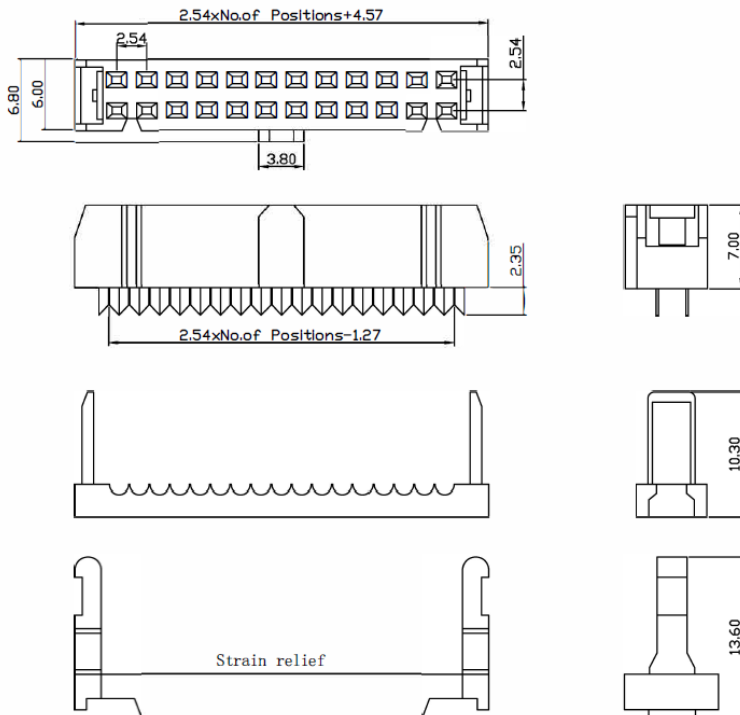
Mechanical Specifications

| | |
|----------------------|-------------|
| Pitch | 2.54mm |
| Mounting Type | Cable Mount |
| Ejector Style | N/A |
| Length | 37.59mm |
| Width | 7.0mm |

Operation Environment Specifications

| | |
|--------------------------------------|----------------|
| Operating Temperature Range | -40°C to 105°C |
| Minimum Operating Temperature | -40°C |
| Maximum Operating Temperature | 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-226-P0BK | 26-Way IDC Connector Socket for Cable Mount, 2-Row |

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