

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

RoHS
Compliant

Stock No.: D2553WVC-250-P0BK6

FEATURES

- 50 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	50
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

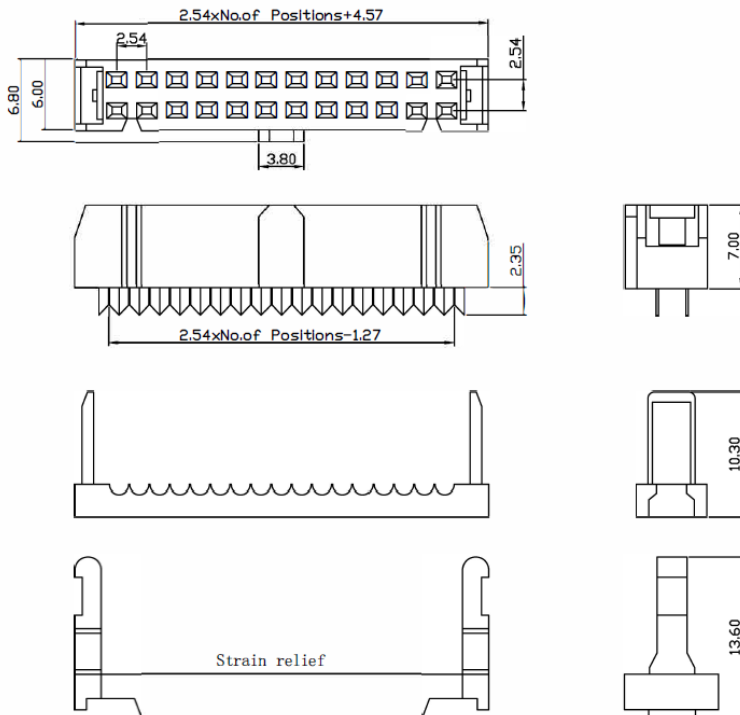
Mechanical Specifications

Pitch	2.54mm
Mounting Type	Cable Mount
Ejector Style	N/A
Length	67.07mm
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-250-P0BK	50-Way IDC Connector Socket for Cable Mount, 2-Row

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