

20 Way Micro-match Cable Plug, 1.27mm Pitch

**RoHS
Compliant**

Stock No.: D1274WVAI-220-P0RETJ

FEATURES

- 20 Ways
- 2 Rows
- 1.27 mm Pitch



Product Description

The IDC Connector range is a compact low-profile system that can be used in Board to Board or Wire to Board applications. The staggered PCB pitch of the Headers and Sockets is 2.54 mm with the IDC connectors and the Transition connectors having a Ribbon Cable pitch of 1.27 mm.

General Specifications

Connector Type	Plug
Number of Contacts	20
Number of Rows	2
Gender	Male
Body Orientation	Vertical
Contact Material	Phosphor Bronze
Housing Material	PBT
Colour	Red
Applications	computers connecting drives, cd drives, SSD's and other components

Electrical Specifications

Current Rating	1A
Voltage Rating	500V
Proof Voltage	1000VDC or AC peak
Termination Method	IDC
Contact Plating	Tin over Nickel
Cable	1.27mm (0.050in) 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	1.27 mm, 2.54mm
Mounting Type	Cable Mount
Ejector Style	Short latches
Length	28.77mm
Width	5.0mm

Operation Environment Specifications

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

Product Drawing

SPECIFICATIONS :

Voltage Rating: 500V AC / DC
 Current Rating: 1A AC / DC
 Withstanding Voltage: 1000V AC/minute
 Insulation Resistance: 1000MΩ Min.
 Temperature Range: -40°C~+105°C
 Contact Resistance: 20mΩ Max.
 Wire Range: AWG#28.

Material:

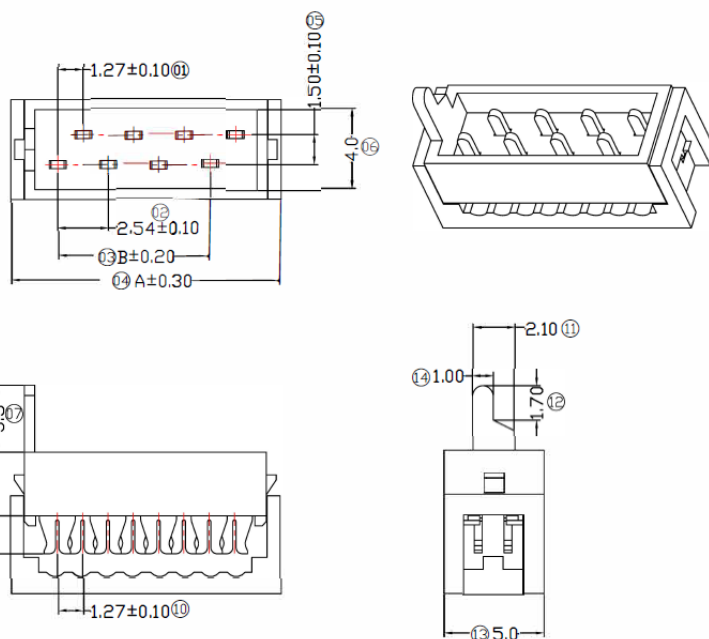
Wafer: PBT+15%G.F UL94V-0
 Conductor: Brass/Tin-Plated.

D1274 W V A I - 2NP - P0 XX T X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
- ② Category: W-wafer
- ③ Welding Board Angle: V- Straight 180° R-Vertical 90°
- ④ Colloid Feature:
 A-Without slot IDC, B-With slot IDC, C-With slot DIP
- ⑤ Soldering Type: Blank-DIP Type; S-SMT Type; I-IDC Type
- ⑥ Circuit No.: 204-2x02P,206-2x03P...
- ⑦ Material: P0-PBT,UL94V-0
- ⑧ Color: RE-Red, PR-Purple
- ⑨ Plating Method: T-Tin-plated,

⑩ Option: Blank-J-R
Ordering Information & Dimensions

Poles	Dimensions (mm)	
	A	B
2*2P	8.45	2.54
2*3P	10.99	5.08
2*4P	13.53	7.62
2*5P	16.07	10.16
2*6P	18.61	12.70
2*7P	21.15	15.24
2*8P	23.69	17.78
2*9P	26.23	20.32
2*10P	28.77	22.86
2*11P	31.31	25.40
2*12P	33.85	27.94
2*13P	36.39	30.48



Dimensions: Millimeters (Inches)

Part Number Table

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