

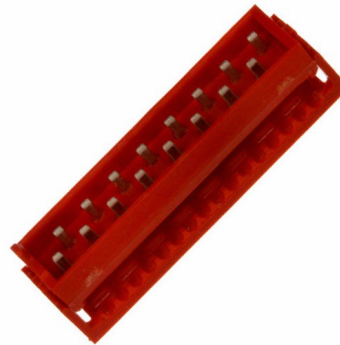
## 16 Way Micro-match Cable Plug, 1.27mm Pitch

RoHS  
Compliant

Stock No.: D1274WVAI-216-P0RETJ

### FEATURES

- 16 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

<b>Connector Type</b>	Plug
<b>Number of Contacts</b>	16
<b>Number of Rows</b>	2
<b>Gender</b>	Male
<b>Body Orientation</b>	Vertical
<b>Contact Material</b>	Phosphor Bronze
<b>Housing Material</b>	PBT
<b>Colour</b>	Red
<b>Applications</b>	computers connecting drives, cd drives, SSD's and other components

### Electrical Specifications

<b>Current Rating</b>	1A
<b>Voltage Rating</b>	500V
<b>Proof Voltage</b>	1000VDC or AC peak
<b>Termination Method</b>	IDC
<b>Contact Plating</b>	Tin over Nickel
<b>Cable</b>	1.27mm (0.050in) 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

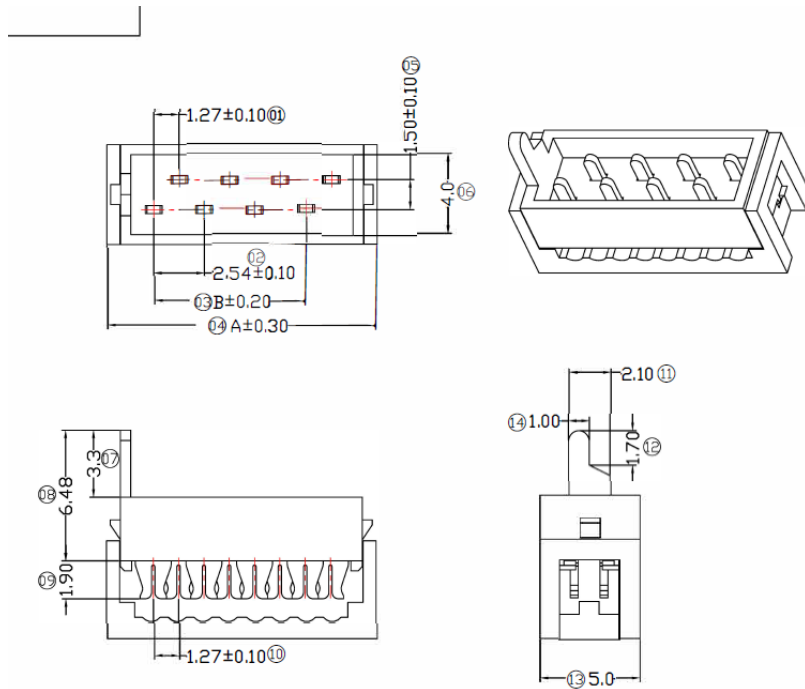
## Mechanical Specifications

<b>Pitch</b>	1.27 mm, 2.54mm
<b>Mounting Type</b>	Cable Mount
<b>Ejector Style</b>	Short latches
<b>Length</b>	23.69mm
<b>Width</b>	5.0mm

## 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



### 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

Part Number	Description
D1274WVAI-216-PORETJ	16 Way Micro-match Cable Plug,1.27mm Pitch

Important Notice: This data sheet and its contents (the "Information") belong to the members of the EASE group of companies (the "Group") or are licensed to it. No license is granted for the use of it other than for information purposes in connection with the products to which it relates. No license of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate, but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. EASE is the registered trademark of Ease Electronics Co., Limited 2019.