.100" IDC CABLE STRIPS

HCMD, HCMS, HCSD, HCSS, CB

Mates with:
TSW, MTSW, TST, EW,
BST, LCW, ZST, MTLW,
TSM

Specifications:
HCSD, HCSS

Insulator Material:
Black Liquid Crystal Polymer
Flammability Rating:
UL 94V-O
Insulation Resistance:
5000 MΩ
Temperature Range:
-20°C to +105°C
(Rainbow Cable)
-40°C to +105°C (Gray Cable)
Withstanding Voltage:
1000 VRMS @ 60 Hz
Contact:
Phosphor Bronze
Plating:
10µ (0.25µm) on contact area, 150µ (3.81µm)
Sn on balance over 50µ (1.27µm) Ni.
Current Rating:
1A
Contact Resistance:
10 mΩ max
Lead Size Range:
.025" (0.64mm) SQ to
.063" (1.6mm) SQ
Lead Insertion Depth:
.185" (4.70mm) to .250" (6.35mm)
Insertion Force:
6 oz avg (1.67N) average with
.025" (0.64mm) SQ probe
Withdrawal Force:
3 oz avg (0.83N) average with
.025" (0.64mm) SQ probe
Wire:
28 AWG 7/36 stranded
Tinned Copper
RoHS Compliant:
Yes

Specifications:
HCMD, HCMS

Insulator Material:
Black Liquid Crystal Polymer
Flammability Rating:
UL 94V-O
Insulation Resistance:
5000 MΩ
Temperature Range:
-20°C to +105°C
Withstanding Voltage:
1000 VRMS @ 60 Hz
Terminal: Phosphor Bronze
Plating:
Sn over 50µ (1.27µm) Ni
Current Rating:
1A
Wire:
28 AWG 7/36 stranded
Tinned Copper
RoHS Compliant:
Yes

Note:
IDC assemblies are non-standard, non-returnable.

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<table>
<thead>
<tr>
<th>TYPE</th>
<th>STRIP</th>
<th>ROW OPTION</th>
<th>NO. PINS PER ROW</th>
<th>END ASSEMBLY</th>
<th>ASSEMBLED LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCM</td>
<td>Male Strip</td>
<td>S = Single</td>
<td>-05, -08, -10, -12, -13, -15, -17, -20, -25, -36</td>
<td>-D = Double End</td>
<td>–“XX.XX” = Assembled Length</td>
</tr>
<tr>
<td>HCS</td>
<td>Socket Strip</td>
<td>D = Double (Color coded cable N/A for 31 thru 36 pins/row. See –G option.)</td>
<td>-05, -08, -10, -12, -13, -15, -17, -20, -25, -36</td>
<td>-T = Transfer End</td>
<td>–“XX.XX” = Assembled Length</td>
</tr>
</tbody>
</table>

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Due to technical progress, all designs, specifications and components are subject to change without notice.
.100" IDC CABLE STRIPS

HCMD, HCMS, HCSD, HCSS, CB

01 PLATING OPTION

- S = 10µ" (0.25µm) Gold on contact area or tail, Tin on balance (Standard on HCSS & HCSD. Leave blank)

- T = Tin (Standard on HCMS & HCMD. Leave blank)

02 NOTCH POLARIZATION

- N = Notch Polarization

Required for HCSS and HCSD. (Not available on HCMS or HCMD, unless Transfer, then only the socket is polarized.)

03 OTHER OPTIONS

04 BULK IDC FLAT CABLE

CB-36-28-7/32-100-C = 36 Conductor/Color Coded
CB-36-28-/050-G = 36 Conductor/Gray
CB-72-28-/050-C = 72 Conductor/Color Coded

05 OTHER OPTIONS

- S "XX" = Daisy Chain Single

Specify "XX" as number of conductors to be broken out.

Same as "XX" except outer strip connected to conductor #2 and inside strip connected to conductor #1.

06 OTHER OPTIONS

- R = Reversed

Requires "SXX", "WXW" or "DXX"

07 OTHER OPTIONS

- M = Middle Reversed

Requires "SXX", "WXW" or "DXX"

08 OTHER OPTIONS

- O = Outside Reversed

Requires "SXX", "WXW" or "DXX"

"P" "XX" = Position Polarization

Specify "XX" as position. For double the same position will be polarized on both ends. (Not available on HCMS unless Transfer, then only the socket is polarized)

"ST" "XX" = Stripped & Tinned

Specify Suffix from table. All dimensions are ± 1/8" (3.18). Not available in 28 positions and higher.

"B" "XX" = Breakout

Specify "XX" as number of conductors to be broken out.

Breakout starts with number 1 lead indicated by brown wire or red strip. Shown on top side.

"W" "XX" = Wiring Reversed Daisy Chain, Single

Same as "SXX" except outer strip connected to conductor #2 and inside strip connected to conductor #1.

"ST" "XX" = Daisy Chain Single

When mating double row connector with two single row connectors, the outer most single will be connected to Conductor #1 and the inside single to Conductor #2.

"D" "XX" = Daisy Chain, Double

"R" "XX" = Reversed Wiring

"G" = Gray Cable

Standard cable is color coded. Specify "G" for Gray cable with one red edge.

"ST" "XX" = Daisy Chain Single

Specify Suffix from table. All dimensions are ± 1/8" (3.18). Not available in 28 positions and higher.

"ST" "XX" = Daisy Chain Single

Specify Suffix from table. All dimensions are ± 1/8" (3.18). Not available in 28 positions and higher.

- R = Reversed

Requires "SXX", "WXW" or "DXX"

= Gray Cable

Standard cable is color coded. Specify "G" for Gray cable with one red edge.

= Reversed Wiring

#1 wire opposite position #1

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