.100" (2.54mm) IDC CABLE IDMS, IDMD, IDSS & IDSD SERIES

Mates with:
TSW, MTSW, TSM, EJH

**SPECIFICATIONS**

**IDSS, IDSD**
For complete specifications see www.samtec.com?IDSS or www.samtec.com?IDSD

Insulator Material: Black Glass Filled Polyester
Plating: Au over 50µ" (1.27µm) Ni or Sn over 100µ" (2.54µm) Cu or 50µ" (1.27µm) Ni
Wire: 28 AWG 7/36 stranded Tinned Copper
Temperature Range: -20°C to +105°C (Rainbow Cable)
-40°C to +105°C (Gray Cable)
Contact: BeCu
Current Rating: 1A
Contact Resistance: 10 mΩ max.
Lead Size Range: (0.56mm) .022" SQ to (0.71mm) .028" SQ
Lead Insertion Depth: (5.59mm) .220" to (6.22mm) .245"
Insertion Force: (Single contact only) 4oz avg.
Withdrawal Force: (Single contact only) 3oz avg.
RoHS Compliant: Yes

**SPECIFICATIONS**

**IDMS, IDMD**
For complete specifications see www.samtec.com?IDMS or www.samtec.com?IDMD

Insulator Material: Black Glass Filled Polyester
Plating: Au over 50µ" (1.27µm) Ni or Sn over 100µ" (2.54µm) Cu or 50µ" (1.27µm) Ni
Wire: 28 AWG 7/36 stranded Tinned Copper
Temperature Range: -20°C to +105°C (Rainbow Cable)
-40°C to +105°C (Gray Cable)
Terminal: Phosphor Bronze
Current Rating: 1A
RoHS Compliant: Yes
Note: This Series is non-standard, non-returnable.

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**TYPE STRIP**

**ROW OPTION**

<table>
<thead>
<tr>
<th>SINGLE</th>
<th>DOUBLE</th>
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<tbody>
<tr>
<td>(91,53) 3,210</td>
<td>(91,53) 3,250</td>
</tr>
<tr>
<td>(91,71) 3,650</td>
<td>(91,71) 3,690</td>
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**NO. PINS PER ROW**

<table>
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<tbody>
<tr>
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**END ASSEMBLY**

**S** = Single End
Socket or Male Plug on one end

**D** = Double End
Socket or Male Plug on each end

**T** = Transfer End
Male Plug on one end with socket on other. Begin part number with IDM.

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**EJECTOR HEADER**

See EJH Series.

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Due to technical progress, all designs, specifications and components are subject to change without notice.

**WWW.SAMTEC.COM**
When mating double row connector with two single row connectors, the outermost single will be connected to Conductor #1 and the inside single to Conductor #2.

- **T**: Tin Plating (Both ends)
- **C**: Tin IDM (0.25mm) Gold IDS (T End Assembly Required)
- **A**: Tin IDM (0.25mm) Gold IDM (T End Assembly Required)

Standard plating is selective gold over BeCu contact for IDS; Selective gold over phosphor bronze for IDM.

- **P**: Polarized
- **G**: Gray Cable

Specify -G for Gray cable. Gray cable has one red edge. IDSS and IDMS uses .100" centerline cable. IDSD and IDMD uses .050" centerline cable. Cable is 28 AWG 7/36 copper wire. Standard cable is same as above except color coded.

- **ST “X”**: Stripped & Tinned
- **S “XX”**: Daisy Chain Single
- **D “XX”**: Daisy Chain, Double

Specify Suffix from table. All dimensions are ± 1/16".

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

- **B “XX”**: Breakout
- **D “XX”**: Wiring Reversed Daisy Chain, Single

Same as –S “XX” except outer strip connected to Conductor #2 and inside strip connected to Conductor #1.

- **R**: Reversed
- **M**: Middle Reversed
- **O**: Outside Reversed

Requires –SXX, –WXX or –DXX

Call Samtec for HCXX Series.