**SLIM BODY FLAT RIBBON IDC CABLES**

**SPECIFICATIONS**

- **Insulator Material:** Black Glass Filled Polyester
- **Plating:** Au over 50 µ" (1.27 µm) Ni or Sn over 100 µ" (2.54 µm) Cu or 50 µ" (1.27 µm) Ni
- **Wire:** 28 AWG 7/36 stranded Tinned Copper
- **Temperature Range:**
  - Rainbow Cable: -20 °C to +105 °C
  - Gray Cable: -40 °C to +105 °C
- **Voltage Rating:** 425 VAC/600 VDC
- **Contact (IDSS/IDSD):** BeCu
- **Terminal (IDMS/IDMD):** Phosphor Bronze
- **Current Rating (IDSS/TST):** 3.4 A per pin (2 pins powered)
- **Current Rating (IDMD):** 3 A per pin (2 pins powered)
- **Lead Size Range:** (0.56 mm) .022" SQ to (0.71 mm) .028" SQ
- **Lead Insertion Depth:** (5.59 mm) .220" to (6.22 mm) .245"
- **RoHS Compliant:** Yes

**RECOGNITIONS**

- For complete scope of recognitions see www.samtec.com/quality

**Mates with:**
- TSW, MTSW, TSM, EJH, PHT, HMTSW, HTSW, HW, DW, EW, ZW, MTLW
- TST, HTST, ZST, BST, EJH

**IDSS**
- Mates with:
  - Socket or Male Plug on each end
  - Begin part number with IDSS

**IDSD**
- Mates with:
  - Socket or Male Plug on one end
  - See –G option.

**IDMD**
- Mates with:
  - Socket or Male Plug on each end

**DIMENSIONS**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>STRIP</th>
<th>ROW OPTION</th>
<th>NO. PINS PER ROW</th>
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</table>
| DOUBLE | Full size (72 positions):
  - (92.71) 3.650
  - Less than 72 positions:
    No. Positions/row x (2.54) .100 + (1.50) .059 |
| SINGLE | Full size (36 positions):
  - (91.66) 3.610
  - Less than 36 positions:
    No. Positions/row x (2.54) .100 + (0.71) .028 |

**Notes:**
- This Series is non-standard, non-returnable.

**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.

**OTHER SOLUTIONS**

- Molded-To-Position IDC Assemblies
  - Low profile
  - Skinny side locks
  - Dual beam contacts
  - Single and double row
  - (3.05 mm) .120" and (5.84 mm) .230" length tail available

**WWW.SAMTEC.COM**

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.
Optional polarizing key for use with IDSS & IDSD Series. Also polarizes SSW, SSQ, ESW & ESQ Series. Black High Temperature Thermoplastic
Order: Part Number PK-01-06 (Available in wheels of six each)

Optional polarizing key for use with IDDS & IDSD Series. Also polarizes SSW, SSQ, ESW & ESQ Series. Black High Temperature Thermoplastic
Order: Part Number PK-01-06 (Available in wheels of six each)

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

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