SLIM BODY FLAT RIBBON IDC CABLES

SPECIFICATIONS


Insulator Material: Black Glass Filled Polyester
Plating:
Au over 50 µm (1.27 µm) Ni or Sn over 100 µm (2.54 µm) Cu or 50 µm (1.27 µm) 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 (IDSS/IDSD):
BeCu
Terminal (IDMS/IDMD):
Phosphor Bronze
Current Rating (IDSD/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:
(2.59 mm) .220” to (6.22 mm) .245”
RoHS Compliant:
Yes

RECOGNITIONS

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

Note: This Series is non-standard, non-returnable.

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


IDM
= Standard Tall Male Plug

IDS
= Socket

IDSS
= Single

IDSD
= Double (Color coded cable N/A for 31 thru 36 pins/row. See –G option.)

IDMS
= Single

IDMD
= Double

DOUBLE
Full size (94 positions):
(92.55) 3.500
Less than 94 positions:
No. Positions/row x (2.54) .100 + (1.68) 0.066

SINGLE
Full size (80 positions):
(91.53) 3.210
Less than 80 positions:
No. Positions/row x (2.54) .100 + (0.71) 0.028

(For square or long tail see HCMX Series)

–02 thru –32

–02 thru –36

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

Call Samtec for HCXX Series.

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

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

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.