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: -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 (1 position powered per row)
Current Rating (IDMD): 3 A per pin (1 position powered per row)
Contact Resistance: 15 mΩ
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
IDSD Mates with:
TST, HTST, ZST, BST, EJH

IDM = Standard Tail Male Plug
IDS = Socket

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

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.
ASSEMBLED LENGTH

- "XX.XX" = Assembled Length

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<th>Length</th>
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<td>2&quot; min.</td>
<td>Assembled Length in INCHES (±1/8&quot;)</td>
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OPTION

- T = Tin Plating (Both ends)
- C = Tin IDM
- A = Tin IDSD
- P "XX" = Polarized
- G = Gray Cable

Specify -T 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.

POLARIZING KEY

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

(3/4" ± 1/16") SSW, SSQ, ESW & ESQ Series. Black High Temperature Thermoplastic

ORDER: PART NUMBER PK-01-06

RUGGEDIZED BY SAMTEC

- Ejector headers
- Locking clips

IDSS, IDSD, IDMS, IDMD SERIES

IDSS or IDSD STRIP ASSEMBLY

LOCKING CLIPS
PC BOARD
TERMINAL STRIP (TSW)

See TSW Series.

See EJH Series.