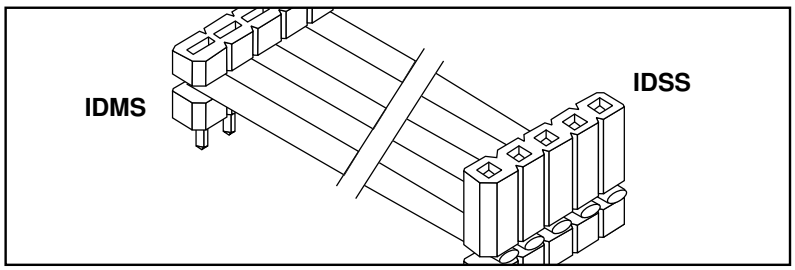
FACTSHEET F-199



.100" (2,54mm) IDC CABLE IDMS, IDMD, IDSS & IDSD SERIES

Specifications: IDSS, IDSD

Insulator Material:
Black Glass Filled Polyester
Temperature Range:
-65°C to +80°C
Contact:
BeCu
Plating:
Au over 50µ" (1,27µm) Ni or Sn over 100µ" (2,54µm) Cu or 50µ" (1,27µm) Ni
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:
4oz avg
((0,63mm) .025" SQ probe)
Withdrawal Force:
3oz avg
((0,63mm) .025" SQ probe)
Wire:
28 AWG 7/36 stranded Tinned Copper

Specifications: IDMS, IDMD

Insulator Material:
Black Glass Filled Polyester
Temperature Range:
-65°C to +80°C
Terminal:
Phosphor Bronze
Plating:
Au over 50µ" (1,27µm) Ni or Sn over 100µ" (2,54µm) Cu or 50µ" (1,27µm) Ni
Current Rating:
1A
Wire:
28 AWG 7/36 stranded Tinned Copper

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

Mates with:
TSW, MTSW, BST, LCW

TYPE STRIP	ROW OPTION	NO. PINS PER ROW	END ASSEMBLY

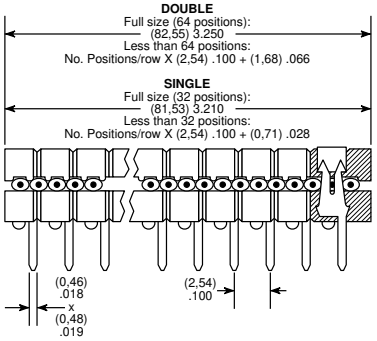
IDM = Standard Tail Male Plug

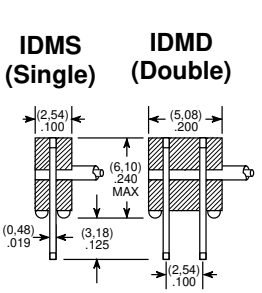
IDS = Socket

S = Single

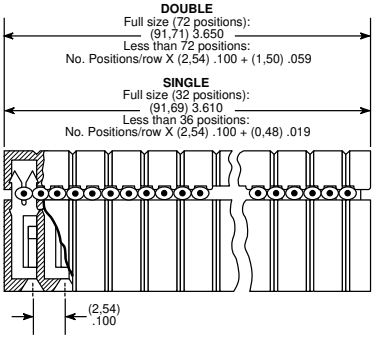
D = Double (Color coded cable N/A for 31 thru 36 pins/row. See –G option.)

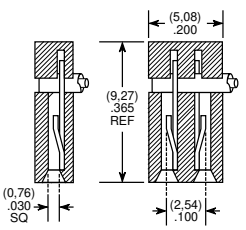
–02 thru –32



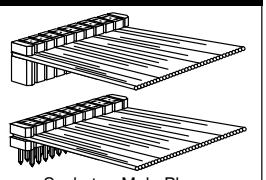


–02 thru –36



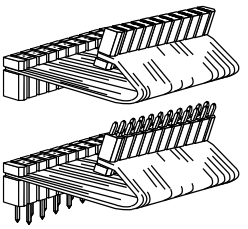


–S = Single End



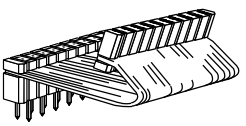
Socket or Male Plug on one end

–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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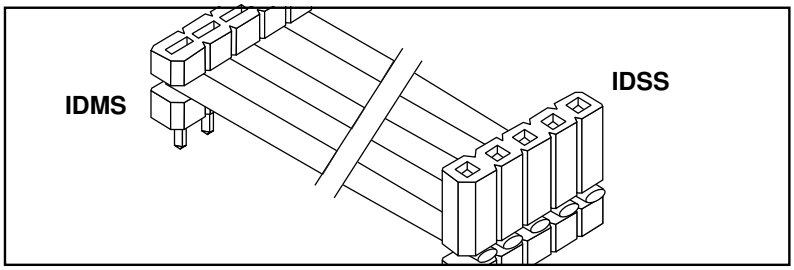
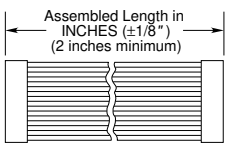
samtec

POPULAR CONNECTORS Ship in 3 DAYS

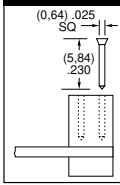


– ASSEMBLED LENGTH



– OPTION

POLARIZING KEY



Optional polarizing key for use with IDSS & IDSD Series. Also polarizes SSW, SSQ, ESW & ESQ Series. Black High Temperature Thermoplastic

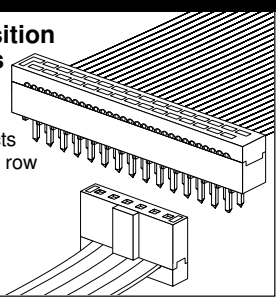
Order: Part Number PK-01-06

ALSO AVAILABLE

Molded-To-Position IDC Assembles

- Low Profile
- Skinny side locks
- Dual beam contacts
- Single and double row
- Many common sizes available

Call Samtec for HCXX Series.



–T = 150µ" (3,81µm) Tin Plating (Both ends)

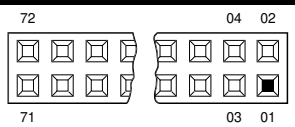
–C = 150µ" (3,81µm) Tin IDM/ 10µ" (0,25µm) Gold IDS

–A = 10µ" (0,25µm) Gold IDM/ 150µ" (3,81µm) Tin IDS

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

1

–P "XX" =Polarized



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

2

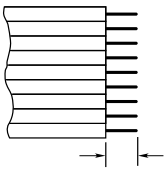
–G = Gray Cable

Specify –G for Gray cable. Gray cable has one red edge. IDSS 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.

3

–ST "X" = Stripped & Tinned

Specify Suffix from table. All dimensions are ± 1/16". Not available in 28 positions and higher.

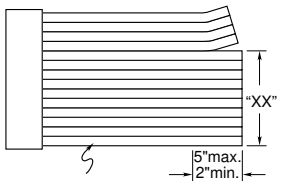


–ST8	1/8" (3,18)
–ST4	1/4" (6,35)
–ST2	1/2" (12,70)
–ST3	3/8" (9,53)

4

–B "XX" = Breakout

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



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

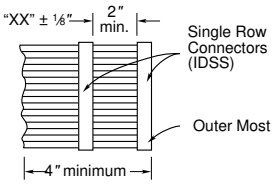
5

–RW = Reversed Wiring

#1 wire opposite position #1.

6

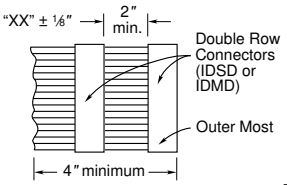
–S "XX" = Daisy Chain Single



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.

7

–D "XX" = Daisy Chain, Double



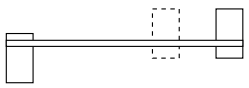
7

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

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

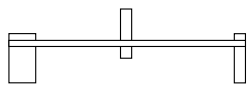
7

–R = Reversed



8

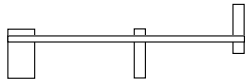
–M = Middle Reversed



Requires –SXX, –WXX or –DXX

8

–O = Outside Reversed



Requires –SXX, –WXX or –DXX

8

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