

IDMD-28-S-12-G

.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: 40z avg ((0,63mm) .025" SQ probe)
Withdrawal Force: 30z avg ((0,63mm) .025" SQ probe)
Wire: 28 AWG 7/36 stranded Tinned Copper

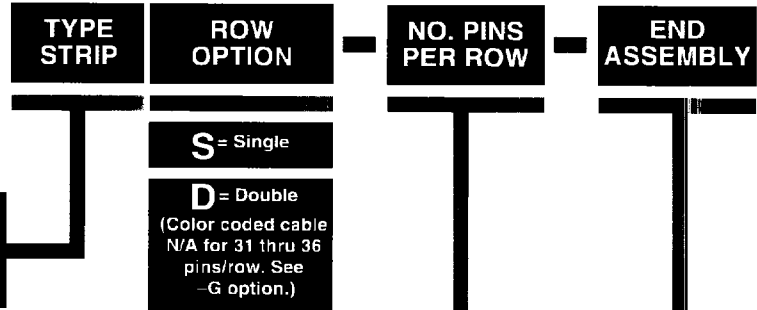
Specifications:

IDMS, IDMD

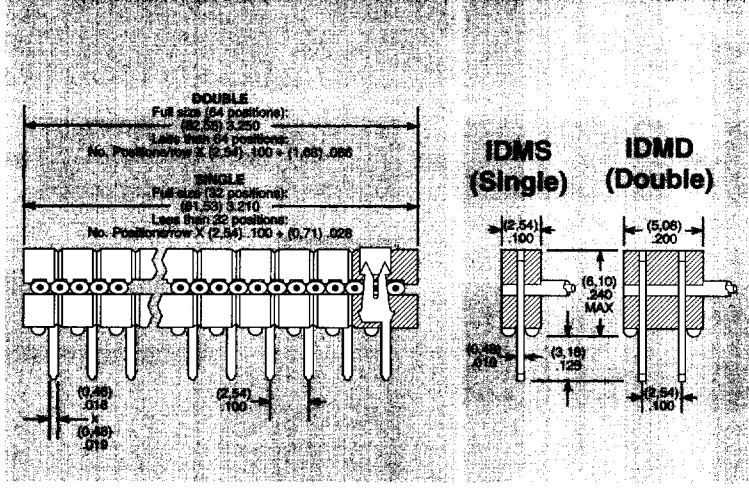
Insulator Material: Black Glass Filled Polyester
Temperature Range: -65°C to +80°C
Termination: Phosphor Bronze
Plating: Au over 50µ" (1,27µm) Ni or Sn over 100µ" (2,54µm) Cu or 50µ" (1,27µm) Ni
Current Rating: 1A
Wire: 28 AWG 7/36 stranded Tinned Copper

Mates with:
 TSW, MTSW,
 BST, LCW

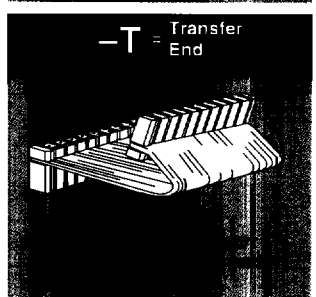
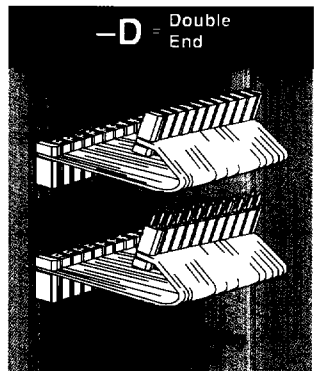
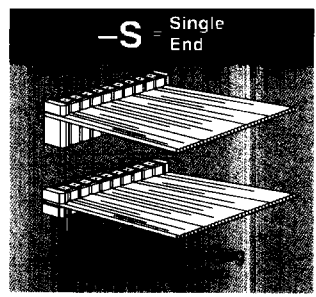
IDM = Standard Tail Male Plug
IDS = Socket



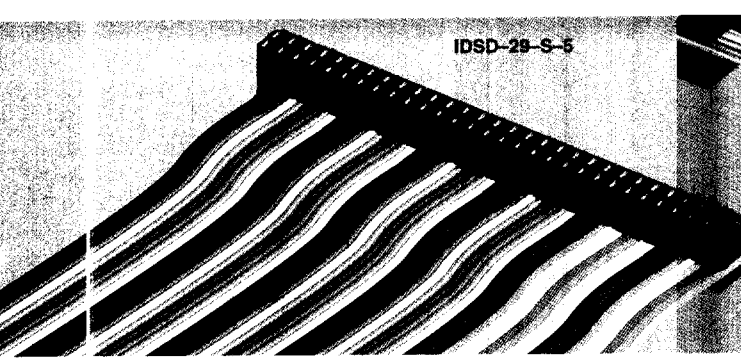
-02 thru -32



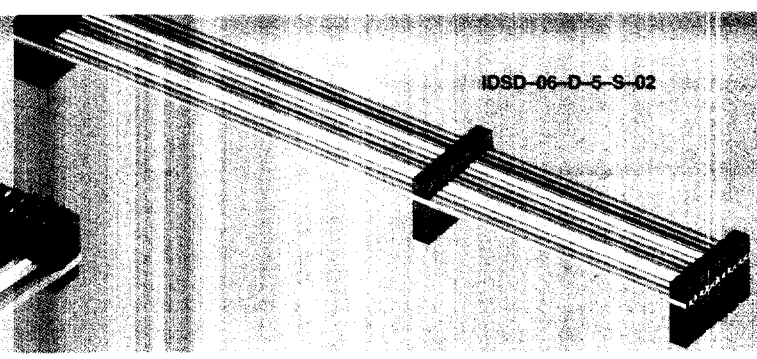
-02 thru -36



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

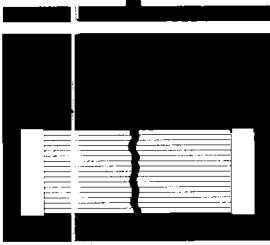


IDSD-28-S-5



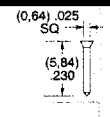
IDSD-06-D-5-S-02

ASSEMBLED LENGTH



OPTION

POLARIZING KEY



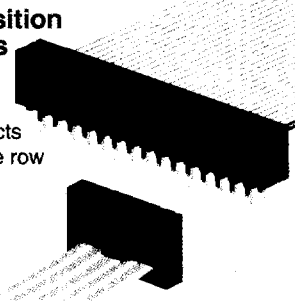
Optional polarizing key for use with IDSS & IDSD Series. Also polarizes SSW, SSQ, ESW & ESQ Series. Black High Temperature Thermoplastic
Order: Part Number PK-01-06

ALSO AVAILABLE

Molded-To-Position IDC Assemblies

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

Call Samtec for HCXX Series.

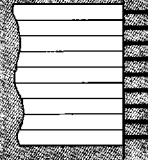


- T = 150μ (3.81μm) Tin Plating (Both ends)
- C = 150μ (3.81μm) Tin IDM; 10μ (0.25μm) Gold IDS
- A = 10μ (0.25μm) Gold IDM; 150μ (3.81μm) Tin IDS

Standard plating is selective gold over Be/Cu contact for IDS. Selective gold over phosphor bronze for IDM.

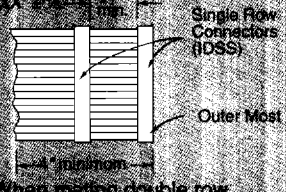
-ST "X"
= Stripped & Tinned

Strip lengths from table. All dimensions are ±.015. Not available in 28 positions and higher.



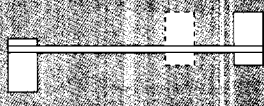
-ST8	1/8" (3,18)
-ST4	1/4" (6,35)
-ST2	1/2" (12,70)
-ST3	3/8" (9,53)

-S "XX"
= Daisy Chain Single



When making double row connector, the outer most single will be connected to Conductor #1 and the inside single to Conductor #2.

-R
= Reversed

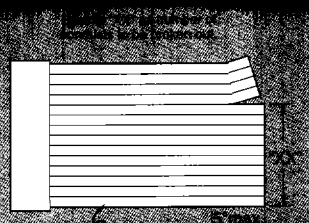


-P "XX"
= Polarized



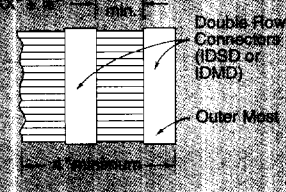
Single "XX" as defined. If double row cable position will be reversed, an additional "RO" indicator on IDM or ESQ will be required. Then only the socket is polarized.

-B "XX"
= Breakout

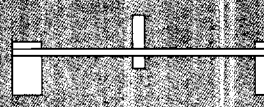


Problem area for breakouts. Not allowed for double row or double row breakouts.

-D "XX"
= Daisy Chain, Double



-M
= Middle Reversed



Requires -CXX, -WXX or -DXX

-G
= Gray Cable

Standard 28 AWG (0.7mm) cable. 28 AWG cable has one row IDC. 28 AWG cable 100' containing single IDSD and IDMD used. 28 AWG 7/36 copper wire standard cable is same as above except color coded.

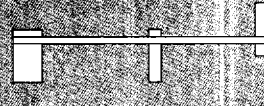
-RW
= Reversed Wiring

#1 wire opposite position #1.

-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.

-O
= Outside Reversed



Requires -SXX, -WXX or -DXX