

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:
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

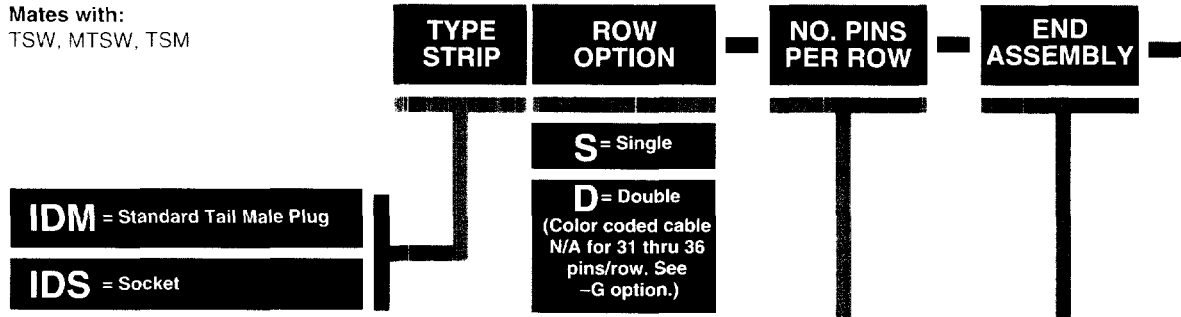
Terminal:
Phosphor Bronze

Plating:
Au over 50µ" (1,27µm) Ni or
Sn over 100µ" (2,54µm) Cu or
50µ" (1,27µm) Ni

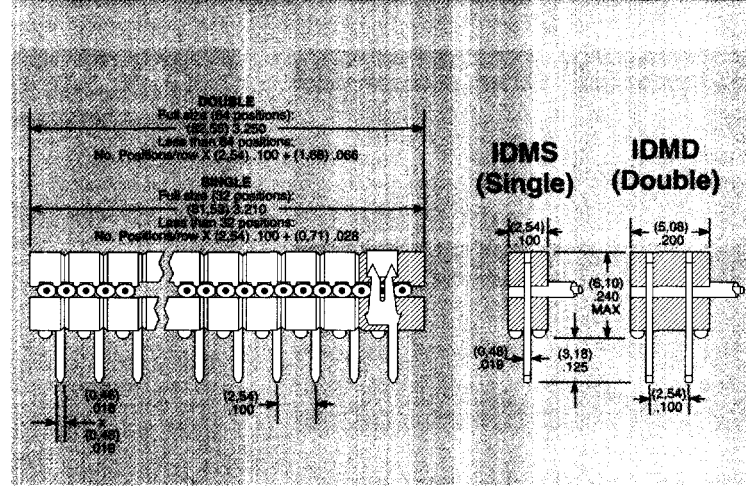
Current Rating:
1A

Wire:
28 AWG 7/36 stranded
Tinned Copper

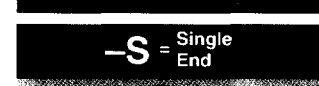
Mates with:
TSW, MTSW, TSM



-02 thru -32



-02 thru -36



IDC CABLE

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

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

IDSD-29-S-5

IDSD-06-D-5-S-02

ASSEMBLED LENGTH

OPTION

ALSO AVAILABLE

POLARIZING KEY



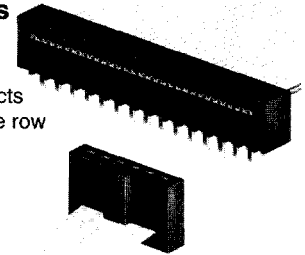
Optional polarizing key for use with IDSS & IDSD Series. Also polarizes SSW, SSQ, ESW & ESQ Series. Black High Temperature Thermoplastic

Order: Part Number PK-01-06

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.



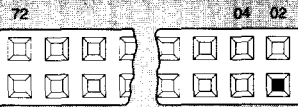
-T = 150μ" (3,81μm) Tin Plating (Both ends)

-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 BeCu contact for IDS; Selective gold over phosphor bronze for IDM.

-P "XX"
= Polarized



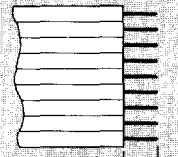
Specify "XX" as position. For Double the same position will be polarized on both ends. (Not available on IDM or EDM, unless Transfer, then only the socket is polarized)

-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.

-ST "X"
= Stripped & Tinned

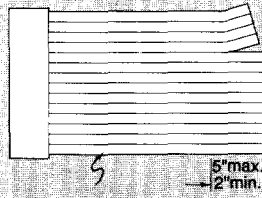
Specify Suffix from table. All dimensions are ± 1/16". Not available in 28 positions and higher.



-ST8	1/8" (3.18)
-ST4	1/4" (6.35)
-ST2	1/2" (12.70)
-ST3	3/8" (9.53)

-B "XX"
= Breakout

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

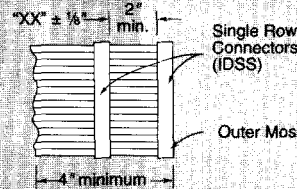


Breakout starts with Number 1 lead indicated by brown wire or red stripe. Shown on top side.

-RW
= Reversed Wiring

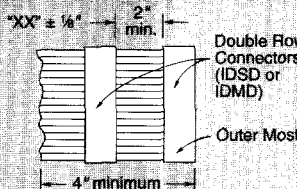
#1 wire opposite position #1.

-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.

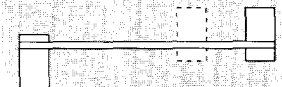
-D "XX"
= Daisy Chain, Double



-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.

-R
= Reversed



-M
= Middle Reversed



Requires -SXX, -WXX or -DXX

-O
= Outside Reversed



Requires -SXX, -WXX or -DXX

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