



IDMD-24-D-12.00-G

(2,54 mm) .100"

SLIM BODY FLAT RIBBON IDC CABLES

SPECIFICATIONS

For complete specifications see www.samtec.com?IDSS, www.samtec.com?IDSD, www.samtec.com?IDMS or www.samtec.com?IDMD

Insulator Material:

Black Glass Filled Polyester

Plating:

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

Insertion Force:

(Single contact only)

4 oz (1,11 N) avg.

((0,64 mm) .025" SQ probe)

Withdrawal Force:

(Single contact only)

3 oz (0,83 N) avg.

((0,64 mm) .025" SQ probe)

RoHS Compliant:

Yes

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

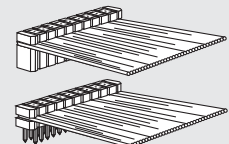
= Socket

TYPE STRIP
ROW OPTION
NO. PINS PER ROW
END ASSEMBLY
S

= Single

D

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

-S = Single End


Socket or Male Plug on one end

-D = Double End

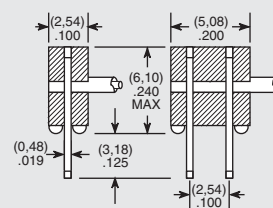

Socket or Male Plug on each end

-T = Transfer End


Male Plug on one end with socket on other. Begin part number with IDM.

-02 thru -32


(For square or long tail see HCMX Series)

IDMS (Single)
IDMD (Double)

-02 thru -36

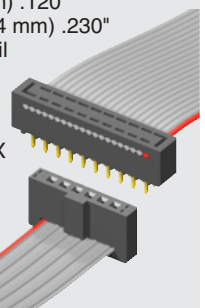
IDSS (Single)
IDSD (Double)


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.



RECOGNITIONS

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



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

