



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](http://www.samtec.com?IDSS), [www.samtec.com?IDSD](http://www.samtec.com?IDSD), [www.samtec.com?IDMS](http://www.samtec.com?IDMS) or [www.samtec.com?IDMD](http://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.**

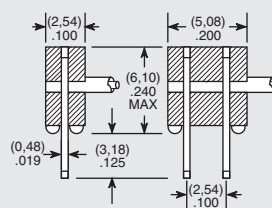
**-02 thru -32**



(For square or long tail see HCMX Series)

**IDMS (Single)**

**IDMD (Double)**

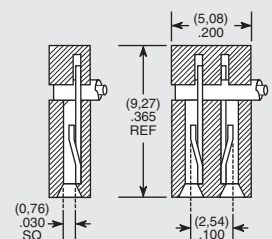


**-02 thru -36**



**IDSS (Single)**

**IDSD (Double)**

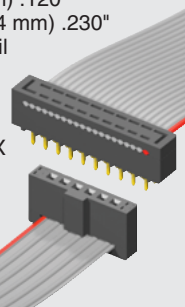


## OTHER SOLUTIONS

### 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](http://www.samtec.com/quality)



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

