

.100" IDC CABLE STRIPS HCMD, HCMS HCSD, HCSS

Mates with:

TSW, MTSW, TST, EW,
BST, LCW, ZST, MTLW,
TSM

Features:

- Low Profile
- Skinny side locks
- Dual beam contacts
- Single & double row
- High temp insulator
- Odd lead counts
- Customs our specialty
- Easy assembly

Specifications: HCSD, HCSS

Insulator Material:
Black Liquid Crystal Polymer

Flammability Rating:

UL 94V-0

Insulation Resistance:
5000 MΩ

Temperature Range:
-65°C to +80°C

Withstanding Voltage:
1000 VRMS @ 60 Hz

Contact: Phosphor Bronze

Plating:

10μ" (0,25μm) on contact
area, 150μ" (3,81μm)

Sn on balance over
50μ" (1,27μm) Ni.

Current Rating: 1A

Contact Resistance:
10 mΩ max

Lead Size Range:

.024" (0,61mm) SQ to
.026" (0,66mm) SQ

Lead Insertion Depth:
.185" (4,70mm) to .250"
(6,35mm)

Insertion Force:

6 oz avg (1,67N) average with
.025" (0,64mm) SQ probe

Withdrawal Force:
3 oz avg (0,83N) average with
.025" (0,64mm) SQ probe

Wire: 28 AWG 7/36 stranded
Tinned Copper

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Insulation Resistance:
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Temperature Range:
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Withstanding Voltage:
1000 VRMS @ 60 Hz

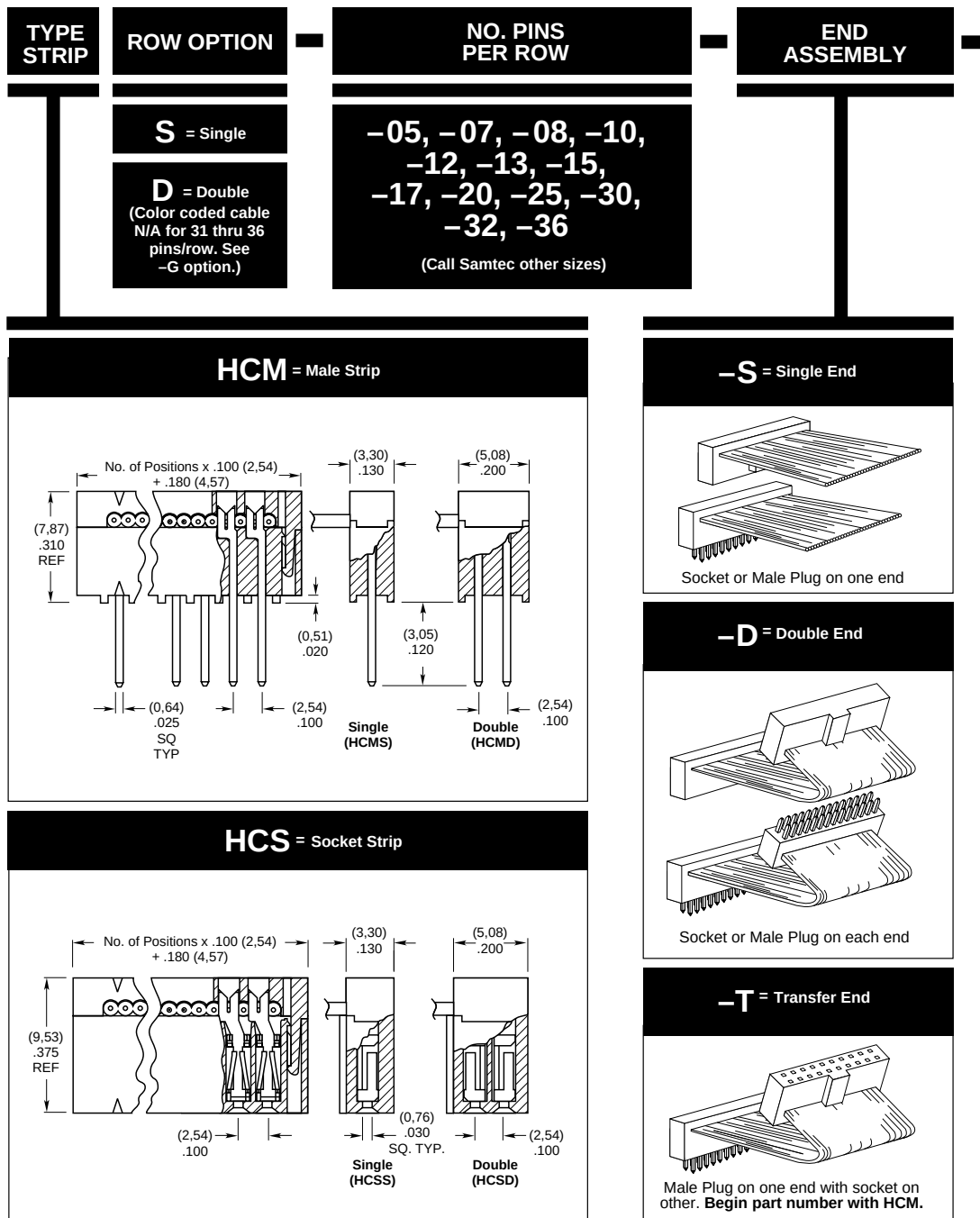
Terminal: Phosphor Bronze

Plating: 150μ" (3,81μm) Sn
over 50μ" (1,27μm) Ni

Current Rating: 1A

Wire: 28 AWG 7/36 stranded
Tinned Copper

Note: IDC assemblies are
non-standard, non-returnable.





HCSD-12-S-03-01-T

.100" IDC CABLE STRIPS

HCMD, HCMS
HCSD, HCSS

ASSEMBLED LENGTH

- 01 -

PLATING OPTION

NOTCH POLARIZATION

OTHER OPTIONS

- "XX"

= Assembled Length

Assembled Length in INCHES ($\pm 1/8"$)
2 inches minimum

PLATING OPTION

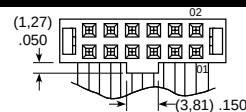
10 μ " (0,25 μ m) Gold on contact area or tail, 150 μ " (3,81 μ m)
- S = Tin on balance (Standard on HCSS & HCSD. Leave blank)

150 μ " (3,81 μ m) Tin (Standard on HCMS & HCMD. Leave blank)
- T =

NOTCH POLARIZATION

- N

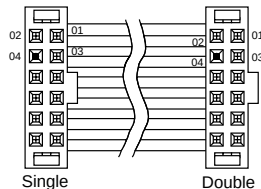
= Notch Polarization



Required for HCSS and HCSD.
(Not available on HCMS or HCMD, unless Transfer, then only the socket is polarized.)

- P "XX"

= Position Polarization

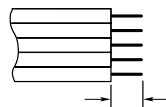


Specify "XX" as position. For Double the same position will be polarized on both ends. (Not available on HCM, unless Transfer, then only the socket is polarized)

- ST "X"

= Stripped & Tinned

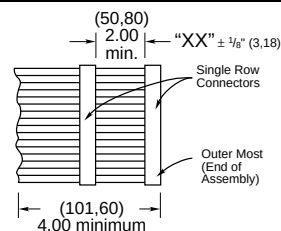
Specify Suffix from table. All dimensions are $\pm 1/16"$ (1,59mm). Not available in 28 positions and higher.



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

- S "XX"

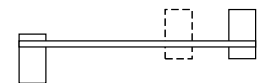
= Daisy Chain Single



When 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.

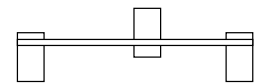
- R

= Reversed



- M

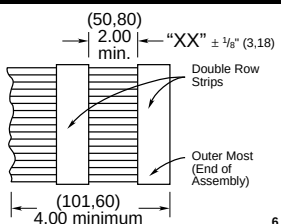
= Middle Reversed



Requires -SXX, -WXX or -DXX

- D "XX"

= Daisy Chain, Double



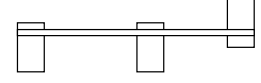
- W "XX"

= Wiring Reversed Daisy Chain, Single

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

- O

= Outside Reversed



Requires -SXX, -WXX or -DXX

- G

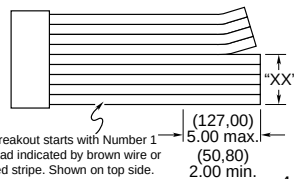
= Gray Cable

Standard cable is color coded. Specify -G for Gray cable with one red edge.

- B "XX"

= Breakout

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



- RW

= Reversed Wiring

#1 wire opposite position #1