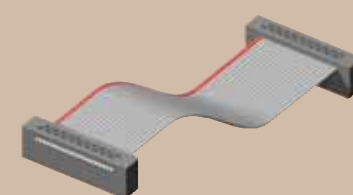
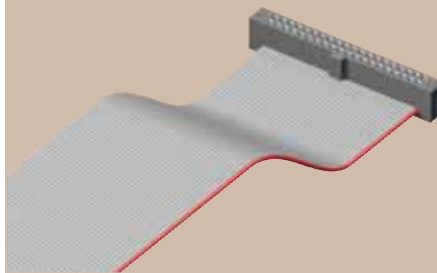




FFSD-20-S-10.00-01-N



FFSD-10-D-02.00-01-N

FFSD SERIES

(1,27 mm) .050"

# TIGER EYE™ FLAT IDC WIRE CABLES

Mates with:  
FTS, FTSH, EHF,  
SHF, ESHF

## SPECIFICATIONS

For complete specifications  
see [www.samtec.com?FFSD](http://www.samtec.com?FFSD)

### Insulator Material:

PBT

### Contact:

BeCu

### Plating:

10μ" (0,25 μm) Au over 50μ"  
(1,27 μm) Ni on contact area;  
Sn over 50μ" (1,27 μm) Ni  
on balance

### Wire:

30 AWG

### Current Rating (FFSD/FTSH):

2.3 A per pin

(1 pin powered per row)

### Operating Temp Range:

-40°C to +105°C

### Lead Size Accepted:

(0,41 mm) .016" SQ

### Contact Resistance:

15 mΩ

### Insertion Depth:

(2,64 mm) .104" to

(3,17 mm) .125"

### Insertion Force:

(Single contact only)

5 oz (1,39 N) avg.

### Withdrawal Force:

(Single contact only)

3 oz (0,83 N) avg.

### RoHS Compliant:

Yes

## RECOGNITIONS

For complete scope of  
recognitions see  
[www.samtec.com/quality](http://www.samtec.com/quality)

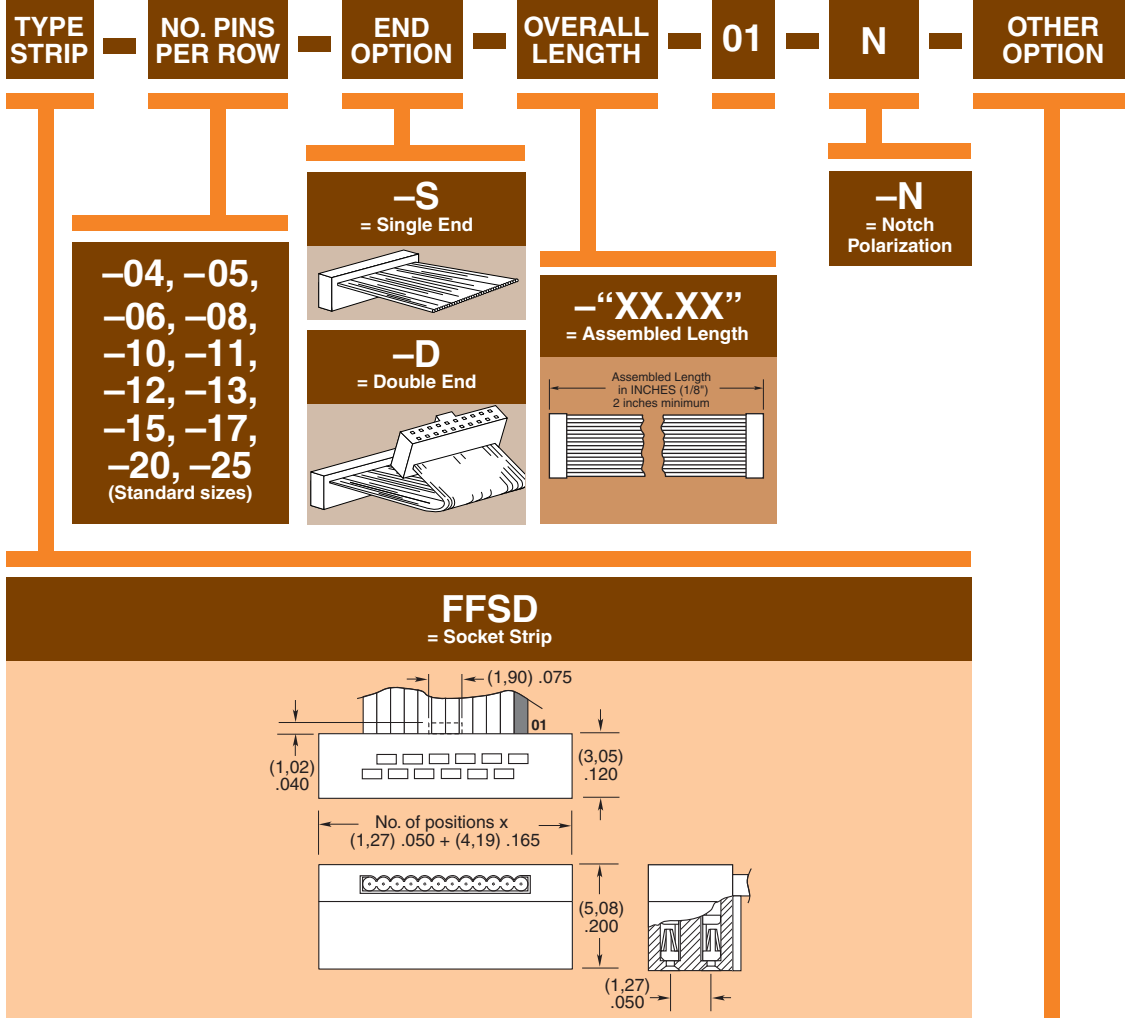


FILE NO. E111594

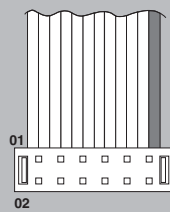
## ALSO AVAILABLE (MOQ Required)

- Other sizes
- Contact Samtec.

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

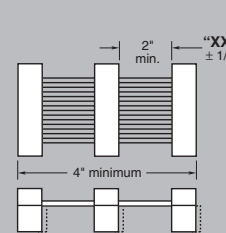


**-RW** = Reverse  
Wiring

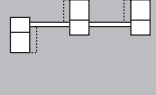


Red wire opposite  
position #1.

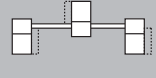
**-D "XX"** = Daisy  
Chain



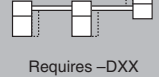
**-R** = Reverse



**-M** = Middle  
Reverse



**-O** = Outside  
Reverse

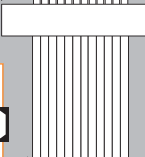


**-SR** = Strain  
Relief



(Mates only with  
ESHF Series)

No. of positions x  
(1,27) .050 + (8,00) .315



Not available with  
-O, -M, -R or -DXX



• Strain relief option

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

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