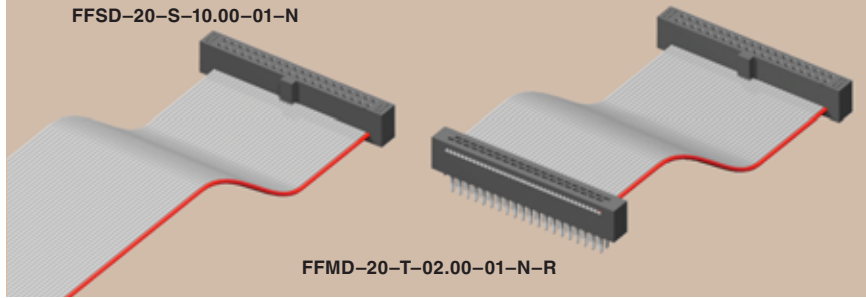




(1,27mm) .050"

FFSD, FFMD SERIES

FFSD-20-S-10.00-01-N



FFMD-20-T-02.00-01-N-R


# TIGER EYE™ FLAT IDC WIRE CABLES

## SPECIFICATIONS

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

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

### FFSD

Insulator Material:  PBT  
FILE NO. E111594

### Contact:

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

### Wire:

30 AWG  
Current Rating:  
0.5A

Operating Temp Range:  
-40°C to +105°C

Lead Size Accepted:  
(0,41mm) .016" SQ

Contact Resistance:  
15 mΩ maximum

delta from initial

Insertion Depth:  
(2,64mm) .104" to  
(3,17mm) .125"

Insertion Force:  
(Single contact only)

5oz (1,39N) avg.

Withdrawal Force:  
(Single contact only)

3oz (0,83N) avg.

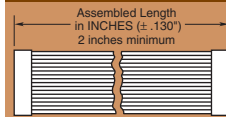
RoHS Compliant:  
Yes

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

TYPE STRIP	NO. PINS PER ROW	END OPTION	OVERALL LENGTH	01	OPTION	OTHER OPTION
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-05, -08, -10,  
-13, -17, -20, -25  
(Call for other sizes)

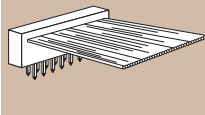
-"XX.XX"  
= Assembled Length



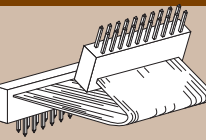
-N  
= Notch  
Polarization  
(FFSD only)

Leave blank for -S and -D End Options.  
For -T End Option Specify "-N" (Socket has notch polarization) (FFMD only)

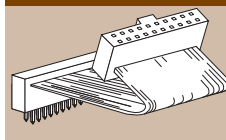
-S = Single End



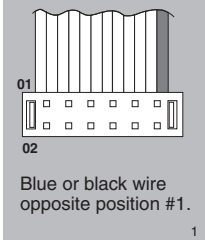
-D = Double End



-T = Transfer End  
(FFMD only)

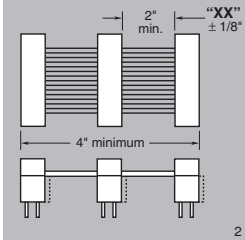


-RW = Reverse Wiring

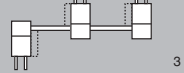


Blue or black wire opposite position #1.

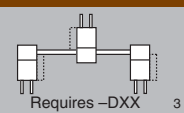
-D "XX" = Daisy Chain



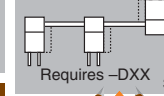
-R = Reverse



-M = Middle Reverse

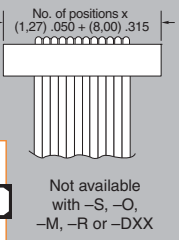


-O = Outside Reverse



Requires -DXX

-SR = Strain Relief



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



• Strain relief option

## SPECIFICATIONS

Mates with:  
FLE\*, SFMC\*

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

### FFMD

Insulator Material:  Black Glass Filled Polyester  
FILE NO. E111594

Terminal: BeCu

Plating:

Sn over 50µ" (1,27µm) Ni

Wire: 30 AWG

Current Rating: 0.5A

Operating Temp Range:  
-40°C to +105°C

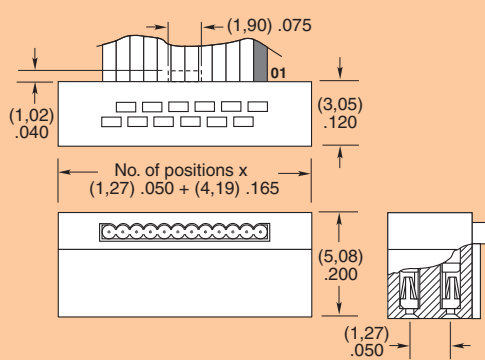
RoHS Compliant: Yes

\*Note: Standard FFMD callout will not mate with FLE, SFMC. Must use gold plated callouts. (See drawing on web.)

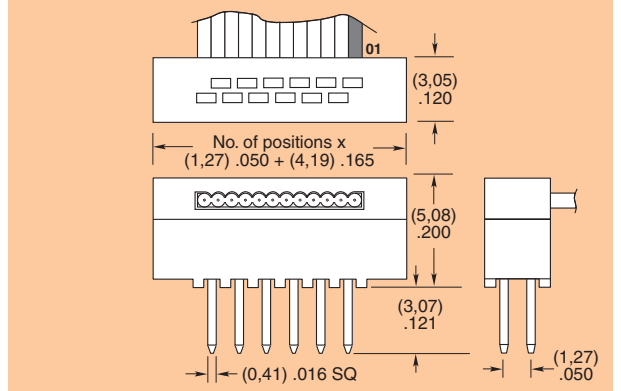
When mated with a socket,  
Wire 1 mates with Pin 2;  
Wire 2 mates with Pin 1, etc.

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

## FFSD = Socket Strip



## FFMD = Terminal Strip



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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)