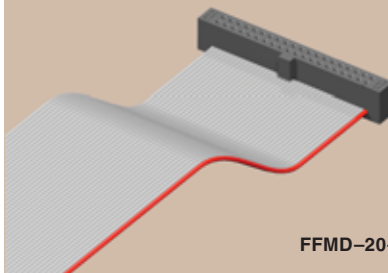




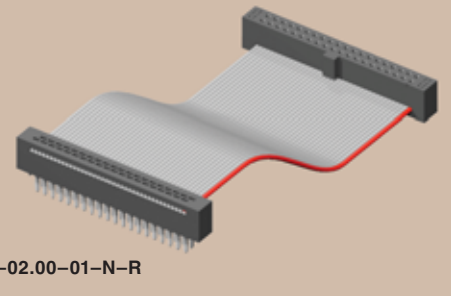
(1,27mm) .050"

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?FFSD

### FFSD

Insulator Material: PBT

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.

## SPECIFICATIONS

Mates with:  
FLE\*, SFMC\*

For complete specifications  
see www.samtec.com?FFMD

### FFMD

Insulator Material: Black Glass Filled  
Polyester

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.)

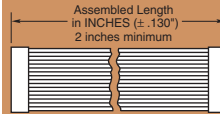
When mated with a socket,  
Wire 1 mates with Pin 2;  
Wire 2 mates with Pin 1, etc.

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



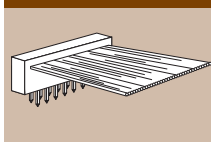
-05, -08, -10,  
-13, -17, -20, -25  
(Call for other sizes)

-“XX.XX”  
= Assembled Length

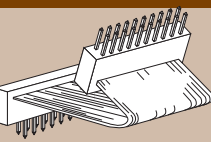


-N  
= Notch  
Polarization  
(FFSD only)

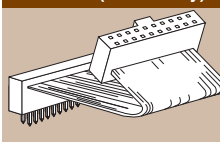
-S = Single End



-D = Double End

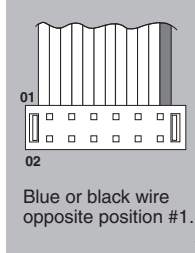


-T = Transfer End  
(FFMD only)

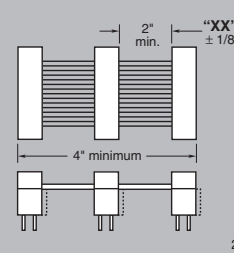


Leave blank for -S and -D  
End Options.  
For -T End Option  
Specify “-N”  
(Socket has  
notch polarization)  
(FFMD only)

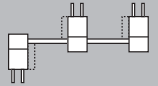
-RW = Reverse  
Wiring



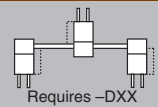
-D “XX” = Daisy  
Chain



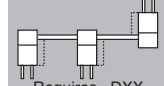
-R = Reverse



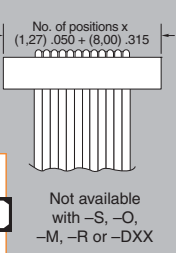
-M = Middle  
Reverse



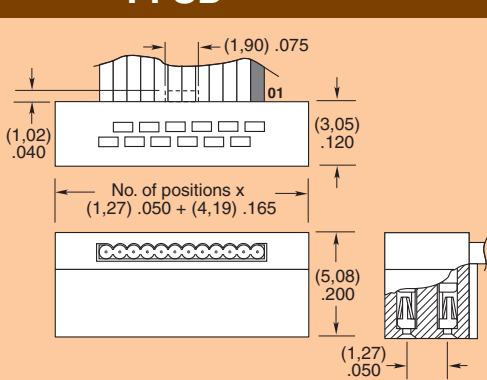
-O = Outside  
Reverse



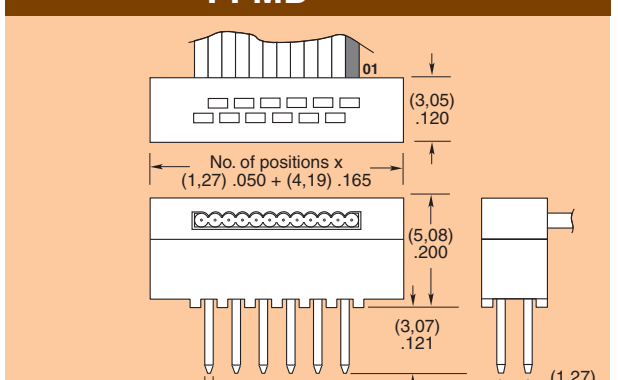
-SR = Strain  
Relief



## FFSD = Socket Strip



## FFMD = Terminal Strip



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

WWW.SAMTEC.COM