

# .050" (1,27mm) CABLE STRIPS FFSD, FFMD SERIES

## SPECIFICATIONS

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

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

### FFSD

**Insulator Material:** FILE NO. E111594  
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:**  
10 mΩ maximum

**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](http://www.samtec.com?FFMD)

### FFMD

**Insulator Material:** FILE NO. E111594  
Black Glass Filled

### 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

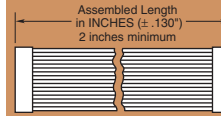
**\*Note:** Standard FFMD callout  
will not mate with FLE, SFMC.  
Must use gold plated callouts.  
See drawing on web.

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

**TYPE STRIP** — **NO. PINS PER ROW** — **END OPTION** — **OVERALL LENGTH** — **01** — **OPTION** — **OTHER OPTION**

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

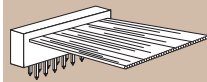
**-“XX.XX”**  
= Assembled Length



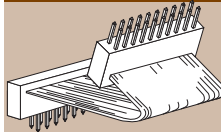
**-N**  
= Notch  
Polarization  
(FFSD only)

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

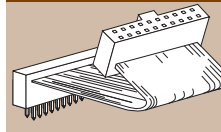
**-S = Single End**



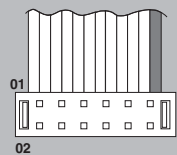
**-D = Double End**



**-T = Transfer End**  
(FFMD only)

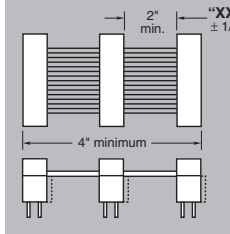


**-RW = Reverse  
Wiring**

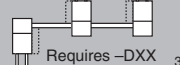


Blue or black wire  
opposite position #1.

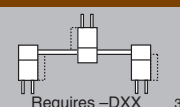
**-D “XX” = Daisy  
Chain**



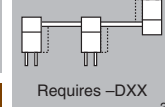
**-R = Reverse**



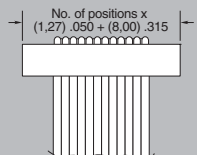
**-M = Middle  
Reverse**



**-O = Outside  
Reverse**



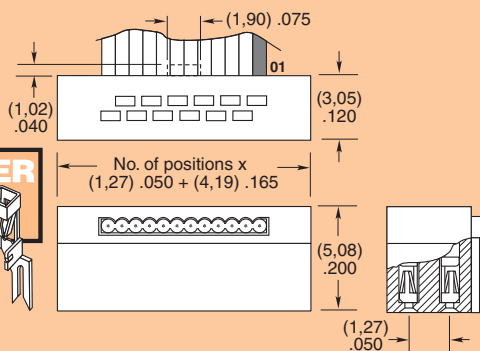
**-SR = Strain  
Relief**



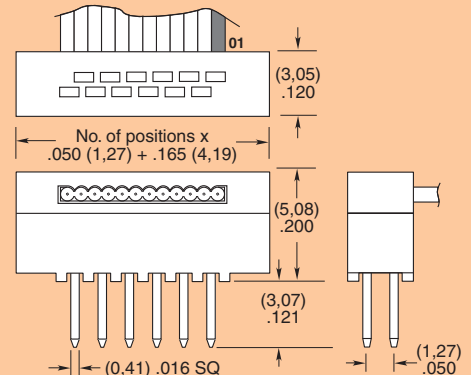
Not available with -S,  
-O, -M, -R or -DXX



## FFSD = Socket Strip



## FFMD = Terminal Strip



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

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