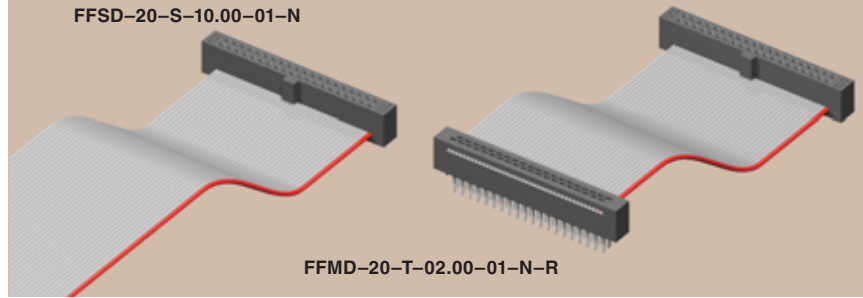




(1,27mm) .050"

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, ESHFFor complete specifications  
see [www.samtec.com?FFSD](http://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](http://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

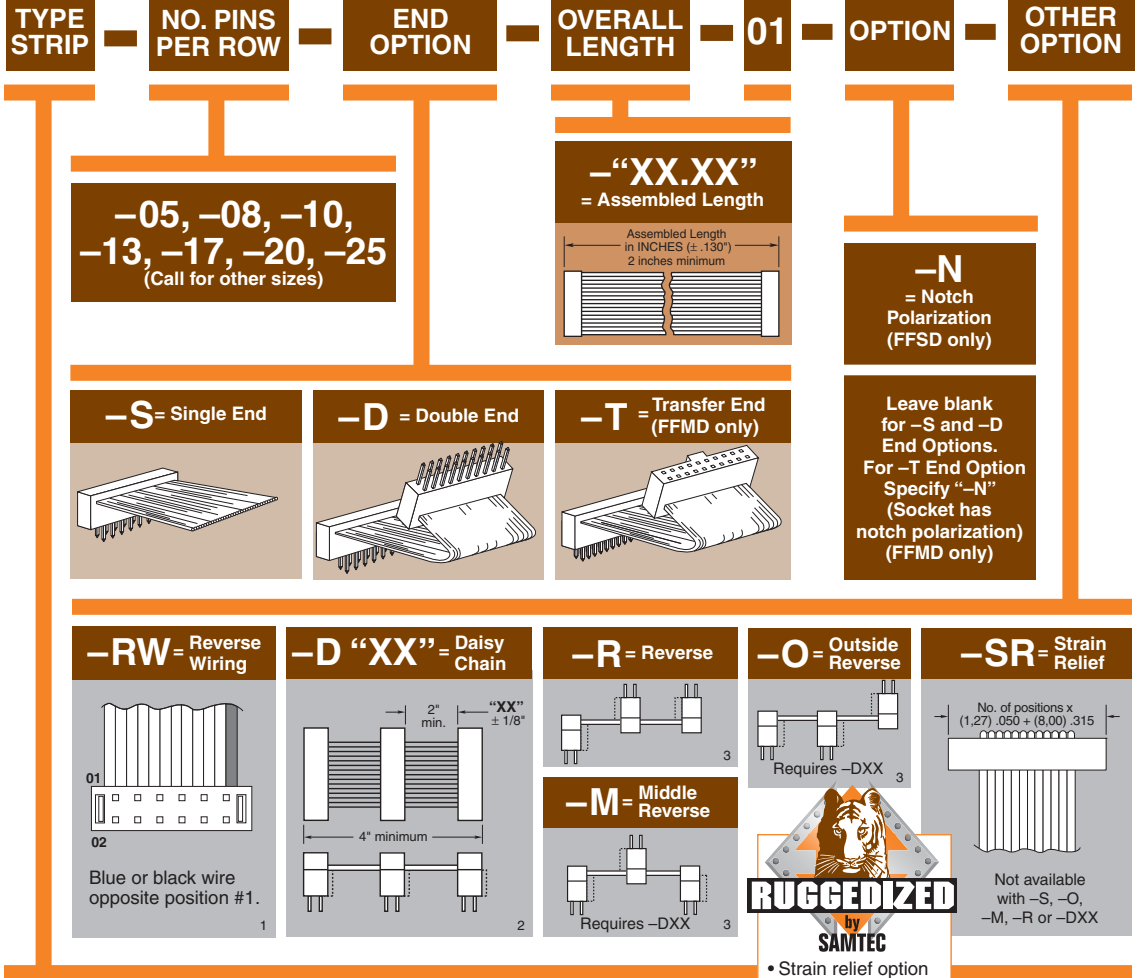
### Operating Temp Range:

-40°C to +105°C

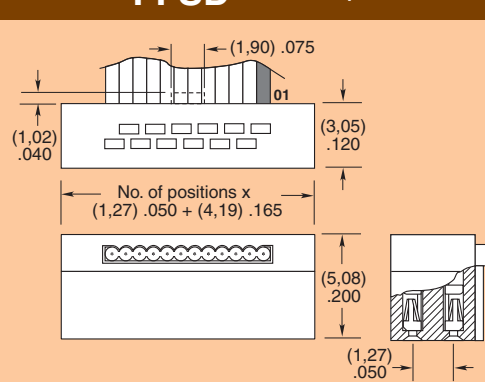
### RoHS Compliant:

Yes

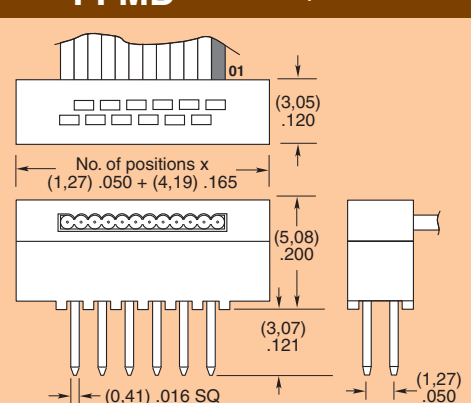
**\*Note:** Standard FFMD callout  
will not mate with FLE, SFMC.  
Must use gold plated callouts.  
(See drawing on web.)  
When mated with a socket,  
Wire 1 mates with Pin 2;  
Wire 2 mates with Pin 1, etc.

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

## 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)

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC SILICON VALLEY • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329  
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0  
 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292 SAMTEC ISRAEL • Tel: 972-3-7526600  
 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-61103766 SAMTEC TAIWAN • Tel: 886-2-2735-6109  
 SAMTEC HONG KONG • Tel: 852-26009858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9512 7747 SAMTEC SOUTH AFRICA • Tel: 27 11 452 8112