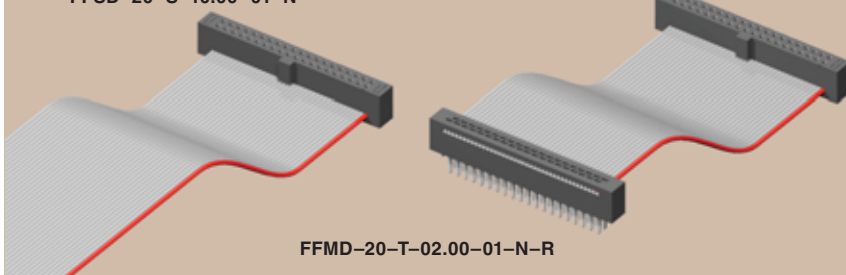




(1,27mm) .050"

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: Black Glass Filled Polyester
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

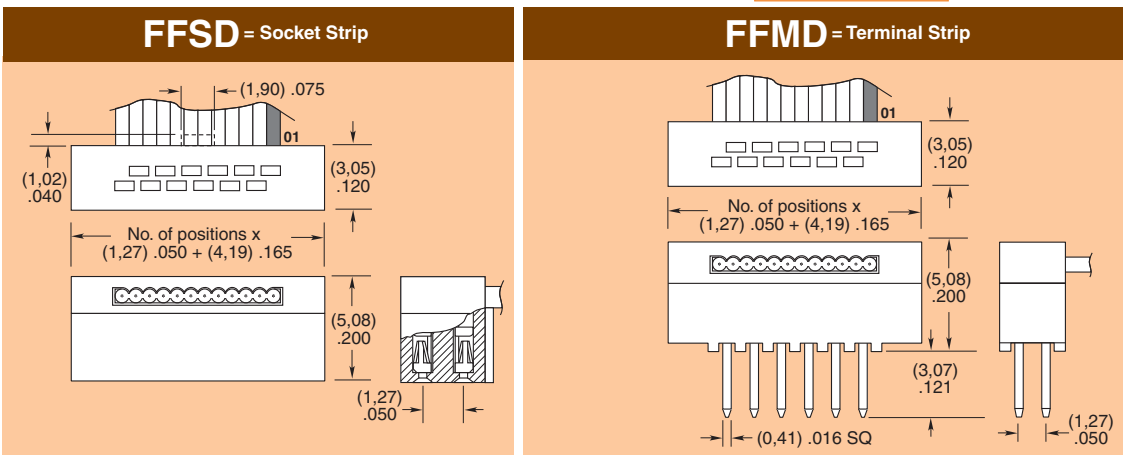
FFMD

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.

TYPE STRIP	NO. PINS PER ROW	END OPTION	OVERALL LENGTH	01	OPTION	OTHER OPTION			
<p>-S = Single End</p>	<p>-D = Double End</p>	<p>-T = Transfer End (FFMD only)</p>	<p>-“XX.XX” = Assembled Length</p> <p>Assembled Length in INCHES (±.130") 2 inches minimum</p>	<p>-N = Notch Polarization (FFSD only)</p>	<p>Leave blank for -S and -D End Options. For -T End Option Specify -N (Socket has notch polarization) (FFMD only)</p>				
<p>-RW = Reverse Wiring</p> <p>Blue or black wire opposite position #1.</p>	<p>-D “XX” = Daisy Chain</p> <p>2" min. “XX” ± 1/8" 4" minimum</p>	<p>-R = Reverse</p> <p>3</p>	<p>-O = Outside Reverse</p> <p>Requires -DXX</p> <p>3</p>	<p>-SR = Strain Relief</p> <p>No. of positions x (1,27) .050 + (8,00) .315</p> <p>Not available with -S, -O, -M, -R or -DXX</p>					
		<p>-M = Middle Reverse</p> <p>Requires -DXX</p> <p>3</p>	<p>RUGGEDIZED by SAMTEC • Strain relief option</p>						



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