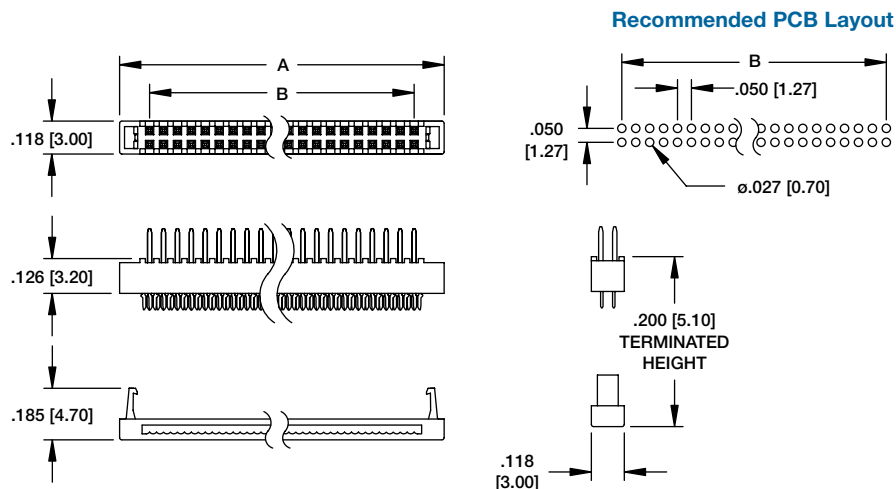


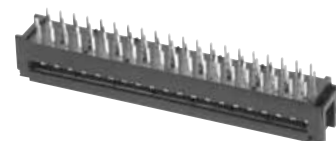
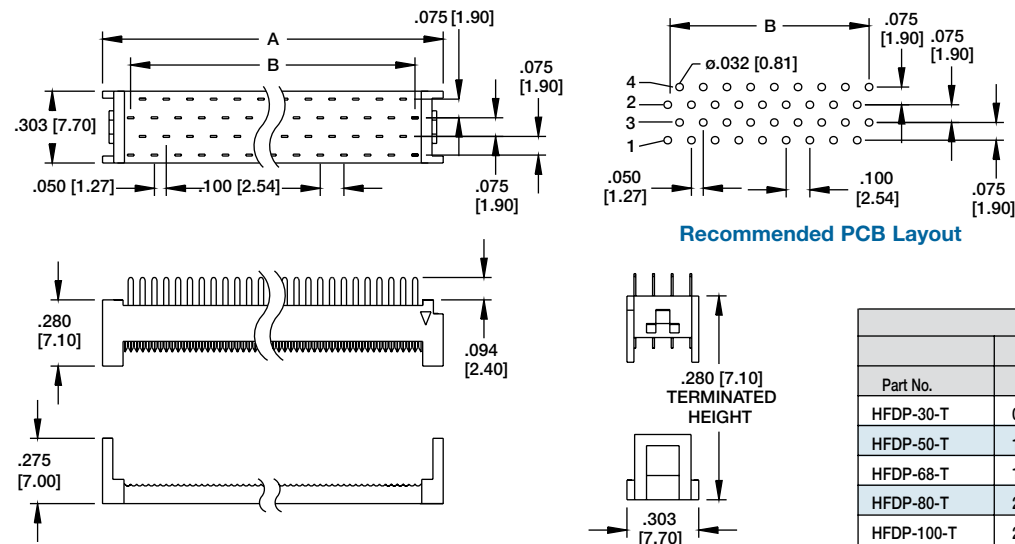
HFTR



HFTR-26-T

Part No.	A		B	
	in	mm	in	mm
HFTR-10	.413	10.50	.200	5.08
HFTR-12	.464	11.80	.250	6.35
HFTR-14	.515	13.10	.300	7.62
HFTR-16	.563	14.30	.350	8.89
HFTR-20	.665	16.90	.450	11.43
HFTR-22	.712	18.10	.500	12.70
HFTR-26	.815	20.70	.600	15.24
HFTR-30	.917	23.30	.700	17.78
HFTR-34	1.015	25.80	.800	20.32
HFTR-40	1.165	29.60	.950	24.13
HFTR-44	1.263	32.10	1.050	26.67
HFTR-50	1.413	35.90	1.200	30.48

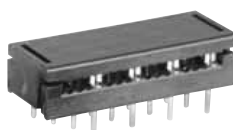
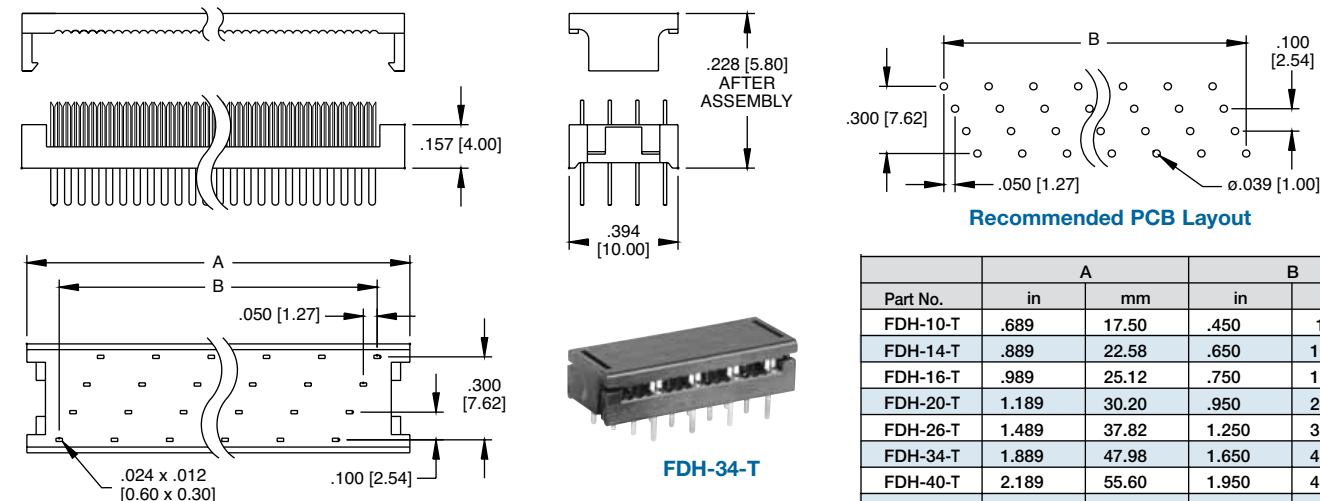
HFDP



HFDP-80-T

Part No.	A		B	
	in	mm	in	mm
HFDP-30-T	0.938	23.83	0.700	17.78
HFDP-50-T	1.438	36.53	1.200	30.48
HFDP-68-T	1.888	47.96	1.650	41.91
HFDP-80-T	2.188	55.58	1.950	49.53
HFDP-100-T	2.688	68.28	2.450	62.23

FDH

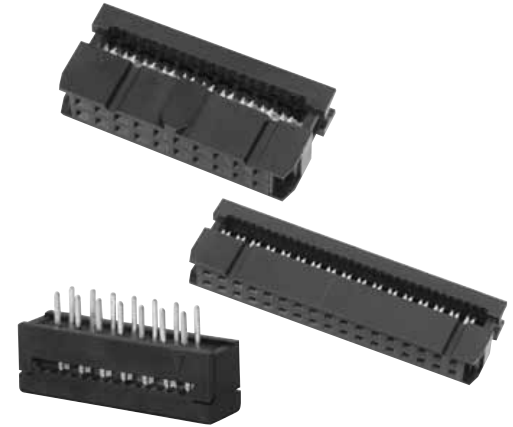


FDH-34-T

Part No.	A		B	
	in	mm	in	mm
FDH-10-T	.689	17.50	.450	11.43
FDH-14-T	.889	22.58	.650	16.51
FDH-16-T	.989	25.12	.750	19.05
FDH-20-T	1.189	30.20	.950	24.13
FDH-26-T	1.489	37.82	1.250	31.75
FDH-34-T	1.889	47.98	1.650	41.91
FDH-40-T	2.189	55.60	1.950	49.53
FDH-50-T	2.689	68.30	2.450	62.23
FDH-60-T	3.189	81.00	2.950	74.93

2.00mm IDC SOCKET & TRANSITION PLUG

.079" [2.00 X 2.00] CENTERLINE
2FCS & 2FTR SERIES



INTRODUCTION:

Adam Tech 2FCS Series 2.00mm IDC Sockets are low profile, precision designed flat cable sockets that feature 2.00mm pin to pin and row to row centerlines. These sockets quickly and easily mass terminate flat cable in one simple step. Their versatility allows them to mate with a multitude of 2.00mm pin headers. Our superior selectively gold plated contact design provides a smooth, high pressure wiping action to ensure excellent continuity. They are used with a single layer of 1.00mm flat cable. Their small size, light weight and high density make them ideal for compact and limited space applications.

FEATURES:

Low Profile and High Density
Uses Single layer 1.00mm Flat Cable
Quickly and easily mass terminates standard Flat Cable

MATING CONNECTORS:

Adam Tech 2.0mm 2BHR series box headers, 2MHR latch headers and 2PH series pin headers

SPECIFICATIONS:

Material:

Insulator: PBT, glass reinforced, rated UL94V-0

Insulator Color: Black

Contacts: Phosphor Bronze

Contact Plating:

Gold flash (30 μ in optional) over nickel underplate on contact area, tin over copper underplate on IDC area

Electrical:

Operating voltage: 250V AC max.

Current rating: 1 Amp max.

Contact resistance: 20 m Ω max. initial

Insulation resistance: 3000 M Ω min.

Dielectric withstanding voltage: 500V AC for 1 minute

Mechanical:

Insertion force: 0.661 lbs per contact max.

Withdrawal force: 0.044 lbs per contact min.

Recommended wire size: 30 - 28 Awg stranded

Cable retention: 24 lbs. min axial force per inch.

Mating durability: 500 cycles min.

Temperature Rating:

Operating temperature: -40°C to +105°C

PACKAGING:

Anti-ESD plastic trays

SAFETY AGENCY APPROVALS:

UL Recognized & CSA Certified, File no. E224053



ORDERING INFORMATION

2FCS

40

SG

SERIES INDICATOR

2FCS = 2.00mm

Flat Cable

IDC Socket

2FTR = 2.00mm

Flat Cable

Transition Plug

PLATING OPTIONS

SG = Selectively
Gold-Plated

POSITIONS

2FCS:

06, 08, 10, 12, 14, 16, 18, 20, 22,
24, 26, 34, 36, 40, 44, 50, 60, 68

2FTR:

08, 10, 12, 14, 16, 20, 22, 24, 26,
30, 34, 40, 44, 50, 68

NOTE:

Mating Box Headers for 2FCS series located on page 302-303

OPTIONS:

Add designator(s) to end of part number

30 = 30 μ in gold plating in contact area

PB = Polarizing bump

INTRODUCTION:

Adam Tech's Flat Cable DIP & Transition plugs are a one piece connector system that quickly and easily mass terminates flat cable then mounts directly to the PCB or PCB socket. These connectors are ideal for interconnecting PCB's in a permanent flat cable transition or satisfying disconnect applications. Our low profile design allows an increased board to board stacking density.

FEATURES:

- Available in 8 – 64 positions
- Eliminates need for two piece header & Socket set
- Fast easy mass termination without stripping cable
- Heavy duty Tin plated contacts
- Low Profile, high density board to board stacking
- Plugs into IC Socket or solders directly to PCB

SPECIFICATIONS:

Material:

Insulator: PBT, glass reinforced, rated UL94V-0

Optional Hi-Temp insulator: Nylon 6T, rated UL94V-0

Insulator Color: Black (Gray optional)

Contacts: Brass

Contact Plating:

G = Gold over nickel underplate on contact area, Tin over copper underplate on IDC area.

T = Tin over copper underplate overall

Electrical:

Operating voltage: 250V AC max.

Current rating: 3 Amp max

Contact resistance: 20 mΩ max. initial

Insulation resistance: 5000 MΩ min.

Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

Recommended cable size: 28 Awg stranded

Temperature Rating:

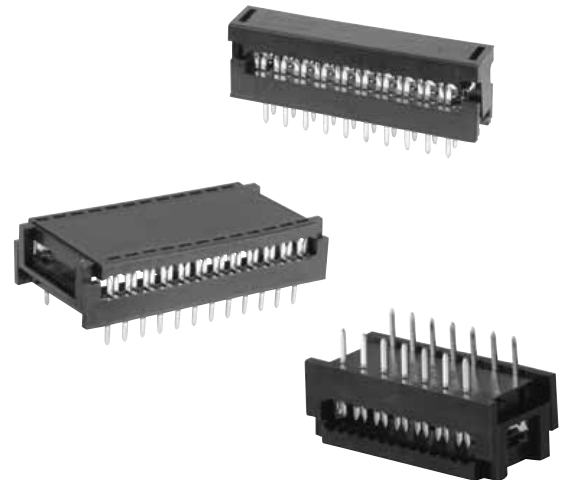
Operating temperature: -40°C to +105°C

PACKAGING:

Anti-ESD plastic trays

SAFETY AGENCY APPROVALS:

UL Recognized & CSA Certified, File no. E224053



ORDERING INFORMATION

FTR

40

T

SERIES INDICATOR

FTR = IDC Flat Cable
Transition Plug
.100" X .100"

FDP-3 = IDC Flat Cable
Dip Plug
.100" X .300"

FDP-6 = IDC Flat Cable
Dip Plug
.100" X .600"

PLATING

T = Tin plated
G = Gold plating
on tails

POSITIONS

FTR: 08, 10, 14, 16, 20, 24, 26,
28, 30, 34, 40, 50, 60, 64

FDP-3: .300" row spacing
Positions: 08, 10, 14, 16, 18, 20, 24,
26, 28, 34, 40

FDP-6: .600" row spacing
Positions: 24, 26, 28, 32, 34, 36, 40

OPTIONS:

Add designator(s) to end of part number

30 = 30 μin gold plating in contact area

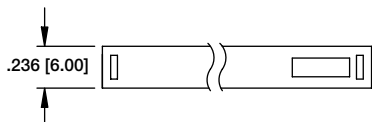
GY = Gray color insulator

RT = Board retention



FTR SERIES

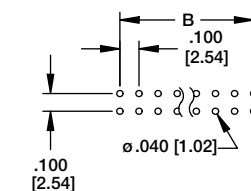
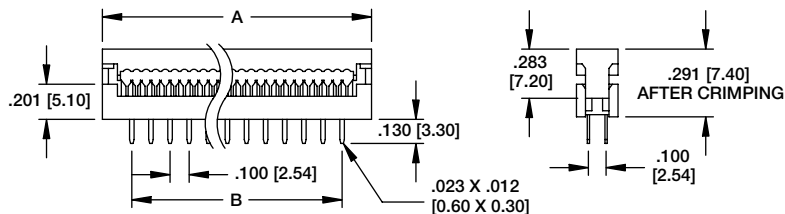
.100" X .100" (8P-64P)



A = .100 [2.54] x No. of Positions per row + .310 [7.88]
B = .100 [2.54] x No. of Spaces per row



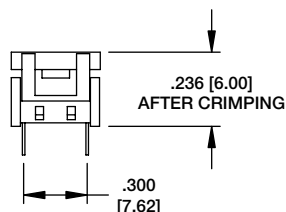
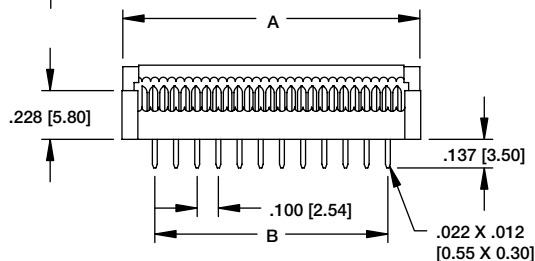
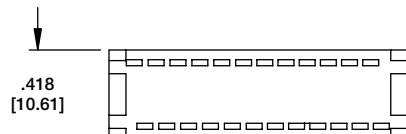
FTR-14-T



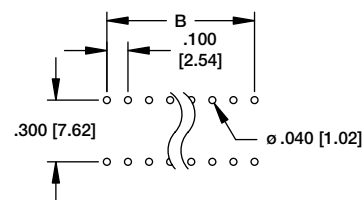
Recommended PCB Layout

FDP SERIES

.100" X .300" (8P-20P)



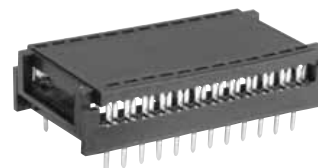
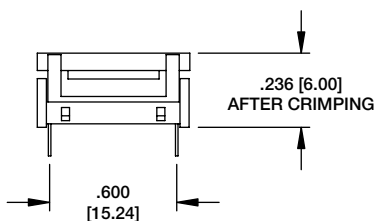
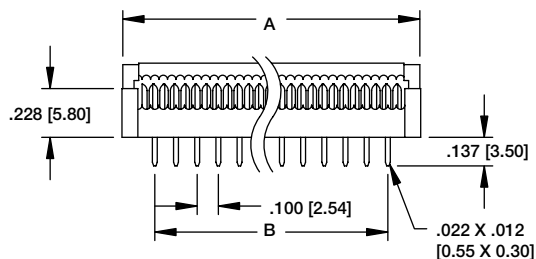
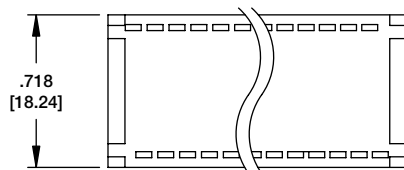
FDP-14-T



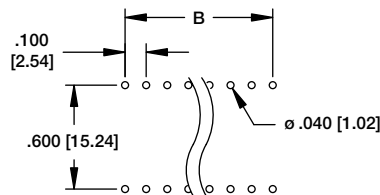
Recommended PCB Layout

FDP SERIES

.100" X .600" (24P-40P)



FDP-24-T



Recommended PCB Layout