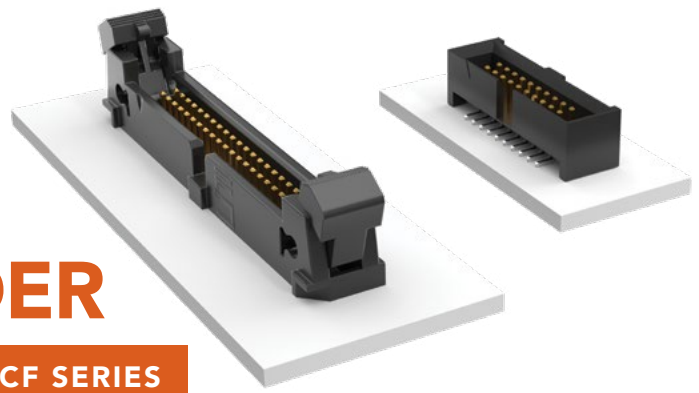


SHROUDED AND EJECTOR IDC HEADER

(1.27 mm) .050" PITCH • SHF/ESHF/EHF/ECF SERIES



SHF/ESHF

Mates:
FFSD, FFTP (SHF)

EHF

Mates:
FFSD*, FFTP

***Important Note:**
EHF will not mate to FFSD with strain relief (-SR option), see ESHF series.

SERIES	1	NO. PINS PER ROW	01	PLATING OPTION	D	TAIL OPTION		OTHER OPTION	
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SHF
= Mates with FFSD without Strain Relief

ESHF
= Mates with FFSD with Strain Relief

04, 05, 06,
08, 10, 11,
12, 13, 15,
17, 20, 25
(Standard sizes)

-L
= 10 μm
(0.25 μm)
Gold on post,
Matte Tin on tail

-TH
= Through-hole

-RA
= Right-angle

-SM
= Surface Mount

-LC
= Locking Clip
(Not available with -RA)
(Manual placement required)

-K
= (6.50 mm) .256" DIA
Polyimide Film
Pick & Place Pad
(-SM only)

-TR
= Tape & Reel

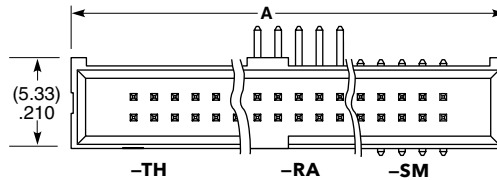
-FR
= Full Reel Tape & Reel
(must order max. quantity per reel; contact Samtec for quantity breaks)

SPECIFICATIONS

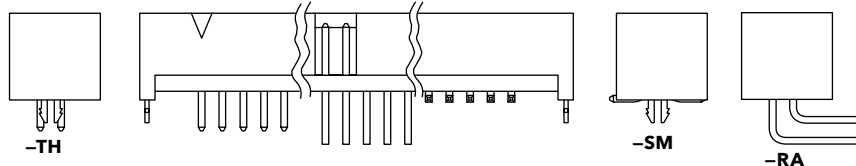
Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over 50 μm (1.27 μm) Ni
Operating Temp Range:
-55 °C to +125 °C

PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max



TYPE STRIP	A
SHF	No. of pins x (1.27) .050 + (6.35) .250
ESHF	No. of pins x (1.27) .050 + (10.16) .400



EHF	1	NO. PINS PER ROW	01	PLATING OPTION	D	TAIL OPTION		OTHER OPTION	
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04, 05,
08, 10, 13,
17, 20, 25
(Standard sizes)

-F
= Gold flash on post,
Matte Tin on tail

-L
= 10 μm (0.25 μm)
Gold on post,
Matte Tin on tail

Leave blank for Through-hole version

-SM
= Surface Mount

-RA
= Right-angle

-XX
= Polarized Position
(-RA not available)

-LC
= Locking Clip
(-SM only)
(Manual placement required)

-K
= (7.50 mm) .295" DIA
Polyimide Film
Pick & Place Pad

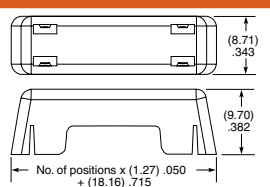
-P
= Pick & Place Pad
(-SM only)

-TR
= Tape & Reel
(-LC not available)

-FR
= Full Reel Tape & Reel
(must order max. quantity per reel; contact Samtec for quantity breaks)
(-LC not available)

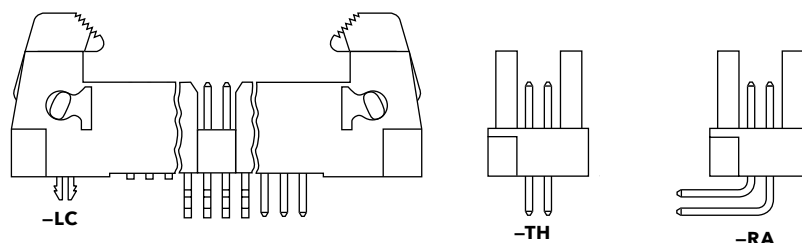
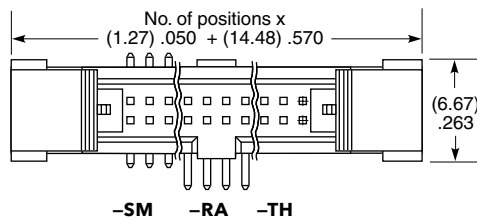
EJECTOR HEADER CAP

(Locks FFSD cable to EHF header)



ECF - NO. PINS PER ROW

05, 08, 10,
13, 17, 20, 25



Note:
Some lengths, styles and options are non-standard, non-returnable.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[SHF-105-01-L-D-SM-TR](#) [SHF-110-01-L-D-SM-K-TR](#) [SHF-105-01-L-D-TH](#) [SHF-105-01-L-D-SM-K-TR](#) [SHF-120-01-L-D-TH](#) [SHF-108-01-L-D-TH](#) [SHF-105-01-L-D-SM](#) [SHF-105-01-L-D-SM-LC-K-TR](#) [SHF-110-01-L-D-TH](#) [SHF-113-01-L-D-RA](#) [SHF-108-01-L-D-RA](#) [SHF-120-01-L-D-SM-LC](#) [SHF-105-01-L-D-RA](#) [SHF-117-01-L-D-SM](#) [SHF-110-01-L-D-SM-LC](#) [SHF-104-01-L-D-SM](#) [SHF-112-01-L-D-RA](#) [SHF-113-01-L-D-TH](#) [SHF-120-01-L-D-SM-K-TR](#) [SHF-105-01-S-D-SM](#) [SHF-105-01-F-D-SM](#) [SHF-108-01-L-D-SM-LC](#) [SHF-125-01-L-D-TH](#) [SHF-110-01-L-D-RA](#) [SHF-110-01-L-D-SM](#) [SHF-105-01-L-D-RA-TR](#) [SHF-108-01-L-D-SM-K-TR](#) [SHF-105-01-F-D-SM-K-TR](#) [SHF-112-01-L-D-SM](#) [SHF-105-01-L-D-TH-TR](#) [SHF-125-01-L-D-RA](#) [SHF-113-01-L-D-SM-K-TR](#) [SHF-105-01-F-D-TH](#) [SHF-125-01-L-D-SM-LC](#) [SHF-120-01-L-D-RA](#) [SHF-110-01-L-D-RA-TR](#) [SHF-117-01-L-D-SM-K-TR](#) [SHF-125-01-L-D-SM-LC-K-TR](#) [SHF-108-01-L-D-SM](#) [SHF-115-01-L-D-SM-K-TR](#) [SHF-117-01-L-D-RA](#) [SHF-120-01-L-D-SM](#) [SHF-113-01-L-D-SM-LC](#) [SHF-115-01-L-D-TH](#) [SHF-110-01-L-D-SM-TR](#) [SHF-112-01-L-D-TH](#) [SHF-115-01-L-D-SM](#) [SHF-125-01-L-D-SM](#) [SHF-117-01-L-D-TH](#) [SHF-106-01-L-D-SM](#) [SHF-106-01-L-D-TH](#) [SHF-113-01-L-D-SM](#) [SHF-105-01-L-D-TH-LC](#) [SHF-105-01-L-D-SM-LC](#) [SHF-105-01-L-D-TH-LC-TR](#) [SHF-108-01-F-D-SM-K-TR](#) [SHF-113-01-F-D-SM-K-TR](#) [SHF-115-01-F-D-SM-K-TR](#) [SHF-105-01-F-D-SM-LC](#) [SHF-110-01-F-D-TH](#) [SHF-113-01-F-D-SM-LC](#) [SHF-115-01-F-D-SM](#) [SHF-105-01-L-D-SM-LC-TR](#) [SHF-107-01-L-D-SM](#) [SHF-110-01-F-D-SM-K-TR](#) [SHF-105-01-S-D-SM-K-TR](#) [SHF-120-01-L-D-SM-LC-TR](#) [SHF-117-01-L-D-SM-LC-K-TR](#) [SHF-108-01-L-D-SM-TR](#) [SHF-110-01-L-D-SM-LC-K-TR](#) [SHF-108-01-L-D-TH-TR](#) [SHF-120-01-F-D-SM-K-TR](#) [SHF-105-01-S-D-TH](#) [SHF-108-01-L-D-RA-TR](#) [SHF-117-01-L-D-SM-TR](#) [SHF-125-01-L-D-SM-K-TR](#) [SHF-110-01-F-D-SM](#) [SHF-110-01-F-D-SM-LC](#) [SHF-105-01-F-D-SM-TR](#) [SHF-114-01-L-D-SM](#) [SHF-110-01-S-D-SM-K-TR](#) [SHF-104-01-L-D-SM-LC-K-TR](#) [SHF-106-01-F-D-SM](#) [SHF-112-01-L-D-SM-LC](#) [SHF-120-01-L-D-TH-LC](#) [SHF-125-01-S-D-TH](#) [SHF-108-01-L-D-SM-LC-K-TR](#) [SHF-111-01-L-D-SM-LC](#) [SHF-115-01-L-D-SM-TR](#) [SHF-115-01-S-D-RA](#) [SHF-120-01-S-D-SM-LC](#) [SHF-120-01-S-D-SM-TR](#) [SHF-125-01-L-D-TH-LC](#) [SHF-117-01-L-D-SM-LC](#) [SHF-120-01-F-D-SM](#) [SHF-105-01-F-D-RA](#) [SHF-105-01-F-D-TH-TR](#) [SHF-107-01-L-D-SM-K-TR](#) [SHF-110-01-F-D-TH-LC](#) [SHF-113-01-L-D-SM-LC-K-TR](#)