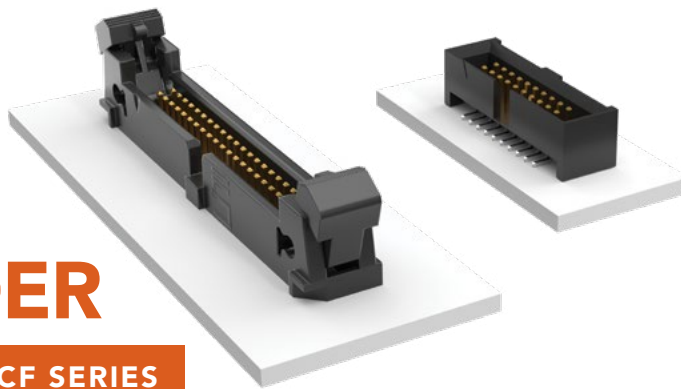


SHROUDED AND EJECTOR IDC HEADER

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



SHF/ESHF

Mates:
FFSD, FFTP (SHF)

EHF

Mates:
FFSD*, FFTP

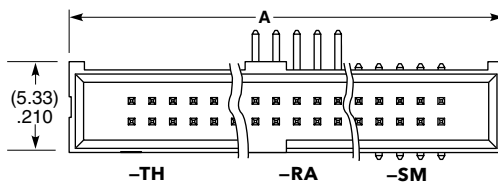
***Important Note:**
EHF will not mate to FFSD with strain relief (-SR option), see ESHF series.

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	04, 05, 06, 08, 10, 11, 12, 13, 15, 17, 20, 25 (Standard sizes)	-L = 10 μ " (0.25 μ m) Gold on post, Matte Tin on tail	-TH = Through-hole	-LC = Locking Clip (Not available with -RA) (Manual placement required)
ESHF = Mates with FFSD with Strain Relief			-RA = Right-angle	-K = (6.50 mm) .256" DIA Polyimide Film Pick & Place Pad (-SM only)
			-SM = Surface Mount	-TR = Tape & Reel

SPECIFICATIONS

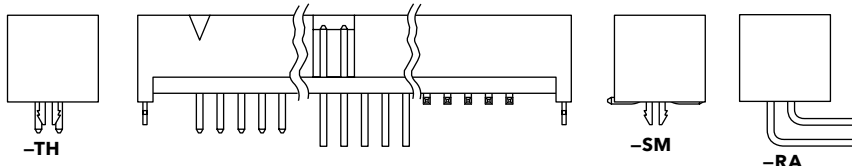
Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over 50 μ " (1.27 μ m) Ni
Operating Temp Range:
-55 °C to +125 °C



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

PROCESSING

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



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 μ " (0.25 μ m)
Gold on post, Matte Tin on tail

Leave blank for Through-hole version

-XX
= Polarized Position (-RA not available)

-SM
= Surface Mount

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

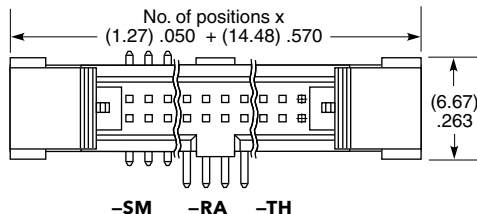
-RA
= Right-angle

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

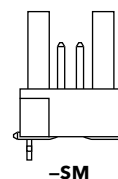
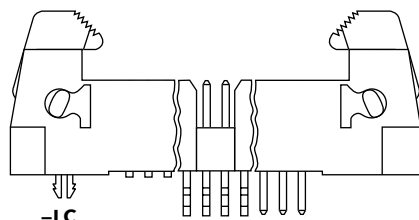
-P
= Pick & Place Pad (-SM only)

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

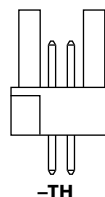
-FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)
(-LC not available)



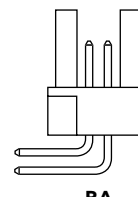
-SM -RA -TH



-SM

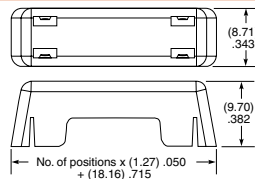


-TH



-RA

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.

samtec.com?SHF, samtec.com?ESHF or samtec.com?EHF

F-221 (Rev 01JUN21)