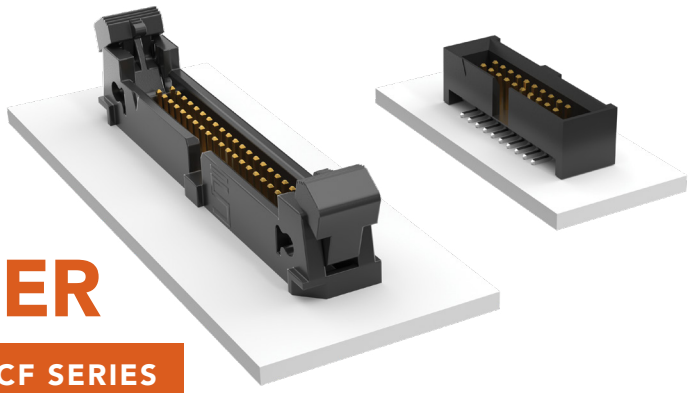


SHROUDED AND EJECTOR IDC HEADER

(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.

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over
50 µ" (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

SERIES	–	1	NO. PINS PER ROW	–	01	–	PLATING OPTION	–	D	–	TAIL OPTION	–	OTHER OPTION

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)

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

–L
= 10 µ" (0.25 µm) Gold on post, Matte Tin on tail

–TH
= Through-hole

–RA
= Right-angle

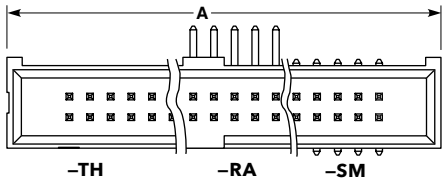
–SM
= Surface Mount

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

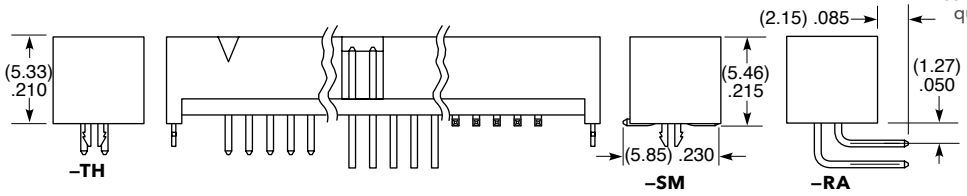
–K
= (6.50 mm) .256" DIA Polyimide Film Pick& Place Pad (–SM only)

–TR
= Tape & Reel

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



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

04, 05, 08, 10, 13, 17, 20, 25
(Standard sizes)

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

–L
= 10 µ" (0.25 µm) Gold on post, Matte Tin on tai

Leave blank for Through-hole version

–SM
= Surface Mount

–RA
= Right-angle

–"XX"
= Polarized Position (–RA not available)

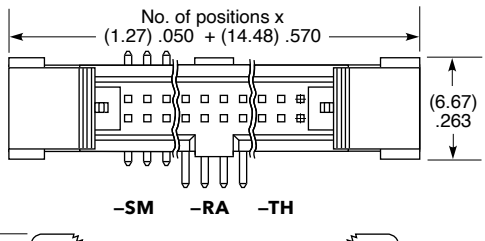
–LC
= Locking Clip (–SM only) (Manual placement required)

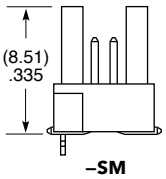
–K
= (7.50 mm) .295" DIA Polyimide Film Pick & Place Pad

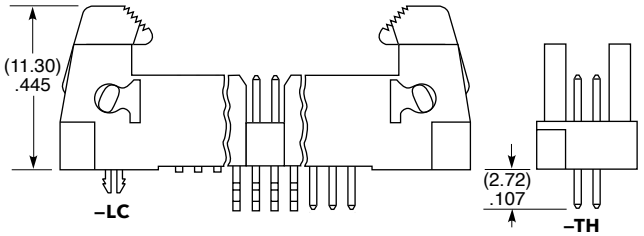
–P
= Pick & Place Pad (–SM only)

–TR
= Tape & Reel (–LC not available)

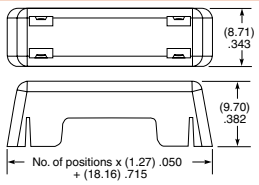
–FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (–LC not available)







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.

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.