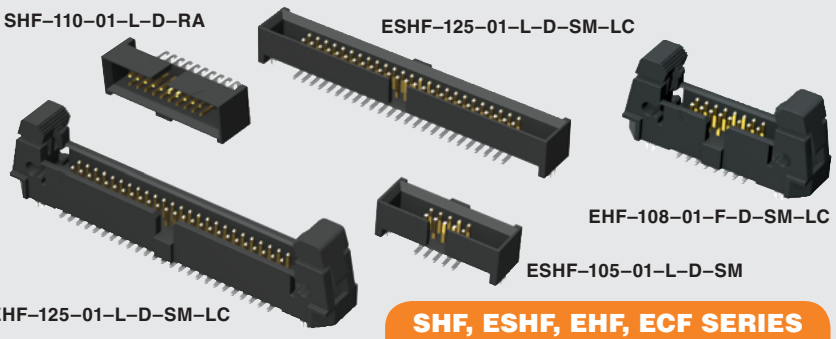
samtec



(1,27 mm) .050"

SHF, ESHF, EHF, ECF SERIES

SHROUDED & EJECTOR IDC HEADER

SHF, ESHF Mates with:
FFSD, FFTP (SHF)

EHF Mates with:
FFSD*, FFTP

SPECIFICATIONS

For complete specifications see www.samtec.com?SHF, www.samtec.com?ESHF or www.samtec.com?EHF

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over
50µ" (1,27 µm) Ni
Operating Temp Range:
-55°C to +125°C
RoHS Compliant:
Yes

Processing:

Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
(0,10 mm) .004" max

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

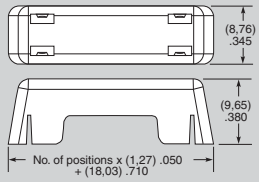
FILE NO. E111594

ALSO AVAILABLE
(MOQ Required)

- Other sizes

Contact Samtec.

EJECTOR HEADER CAP
(Locks FFSD cable to EHF header)



ECF	NO. PINS PER ROW
	05, 08, 10, 13, 17, 20, 25

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

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

TYPE STRIP	–	1	NO. PINS PER ROW	–	01	PLATING OPTION	–	D	–	TAIL STYLE	–	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)

–L
= 10µ" (0,25 µm) Gold on post, Matte Tin on tail

–TH
= Through-hole

–RA
= Right Angle

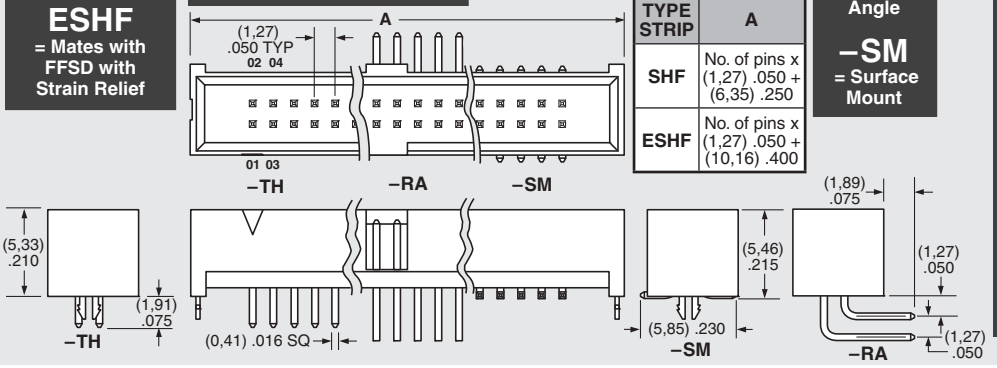
–SM
= Surface Mount

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

–TR
= Tape & Reel Packaging

–K
= (6,50 mm) .256" DIA Polyimide Film Pick & Place Pad (–SM only)

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
= 10µ" (0,25 µm) Gold on post, Matte Tin on tail

Leave blank for Through-Hole version

–SM
= Surface Mount

–RA
= Right Angle

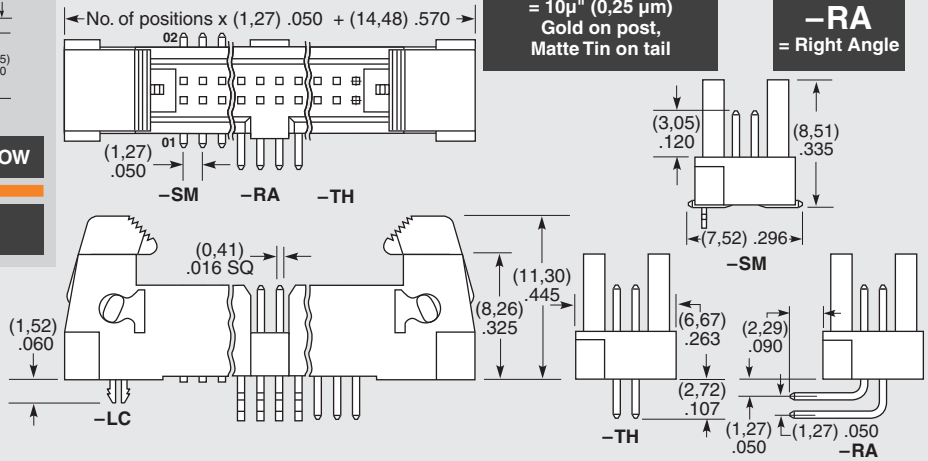
–"XX"
= Polarized Position (–RA not available)

–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 Packaging (–LC not available)



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