

ESHF-125-01-L-D-SM-LC

ESHF-105-01-L-D-SM

EHF-125-01-L-D-SM-LC

SHF, ESHF, EHF, ECF SERIES

SHROUDED & EJECTOR IDC HEADER

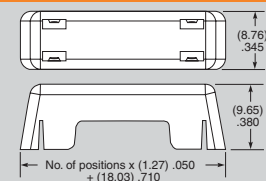
FFSD*, FFTP

Yes

(0.10 mm) .004" max

UL[®]
FILE NO. E111594

- Other sizes



NO. PINS PER ROW

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

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 = 10 μ m (0.25 μ m) 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

Technical drawings of the SHF and ESHF components showing top, side, and cross-sectional views for different mounting styles: -TH (Through-hole), -RA (Right-angle), and -SM (Surface Mount). Dimensions are provided in inches and millimeters.

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 tail

—SM
= Surface Mount

—RA
= Right-angle

Leave blank for Through-Hole version

—“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)

Technical drawing of a 10-pin connector showing top, side, and detail views with dimensions.

Top view dimensions: (8.76) .345, (1.65) .380, (1.27) .050, (0.41) .016 SQ, (11.30) .445, (8.26) .325, (6.67) .263, (2.29) .090, (1.27) .050, (1.27) .050.

Side view dimensions: (1.52) .060, (0.41) .016 SQ, (11.30) .445, (8.26) .325, (6.67) .263, (2.29) .090, (1.27) .050, (1.27) .050.

Detail view dimensions: (3.05) .120, (8.51) .335, (7.52) .296.

Labels: —SM, —RA, —TH, —LC, —K, —P, —RA.

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

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All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.