

SHF-110-01-L-D-RA The second second ESHF-125-01-L-D-SM-LC EHF-108-01-F-D-SM-LC ESHF-105-01-L-D-SM EHF-125-01-L-D-SM-LC SHF, ESHF, EHF, ECF SERIES

D

Α

No. of pins x

(1,27) .050 - (6,35) .250

No. of pins x

(1,27) .050 + (10,16) .400

OPTION

= 10µ" (0,25 µm)

Gold on post,

Matte Tin on tail

TYPE

STRIP

SHF

ESHF

TΔII

STYLE

-TH

= Through

hole

= Right

Angle

-SM

= Surface

Mount

(1,89) .075

OPTION

–LC

= Locking

Clip (Not available

with -RA)

(Manual

placement

required)

–TR

= Tape & Reel

Packaging

–K

= (6,50 mm) .256" DIA Polyimide

(-LC not available)

(1,27) (1,27) .050

-TH

(1,27 mm) .050"

SHROUDED & EJECTOR IDC HEADER

NO. PINS

PER ROW

(1,27) .050 TYP

01 03

04, 05, 06, 08,

10, 11, 12, 13,

15, 17, 20, 25 (Standard sizes)

01

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

EHF Mates with: FFSD*, FFTP

SPECIFICATIONS

STRIP

SHF

= Mates with

FFSD without

Strain Relief

ESHF

= Mates with

FFSD with

Strain Relief

(5,33)

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:**

Processing:

Lead-Free Solderable:

SMT Lead Coplanarity:

Note: Some lengths, styles

and options are non-standard, non-returnable.



(1,27) .050 Film Pick & (0,10 mm) .004" max Place Pad (-SM only) **RECOGNITIONS** (5,85) .230 (0,41) .016 SQ → |-For complete scope of recognitions see www.samtec.com/quality NO. PINS PLATING TAIL **OTHER** EHF 01 D **PER ROW OPTION OPTION OPTION ALSO AVAILABLE** (MOQ Required) · Other sizes Leave blank Contact Samtec. for Through-04, 05, 08, 10, Hole version 13, 17, 20, 25 (Standard sizes) **Polarized Position** = Gold flash on post, **EJECTOR HEADER CAP** (-RA not available) -SM Matte Tin on tail = Surface -LC Mount No. of positions x (1,27) .050 + (14,48) .570 → (8,76) = Locking Clip 02A A A = 10μ" (0,25 μm) -RA(-SM only) Gold on post, (Manual placement | - - - - - - - - - - - - + | Right Angle Matte Tin on tail required) (9,65) .380 No. of positions x (1,27) .050 + (18,03) .710 (3,05) = (7,50 mm) .295" DIA Polyimide Film Pick (8.51)-TH **NO. PINS PER ROW** & Place Pad .016 SQ (0.41)-SM **−SM ~**(7,52) .296> (11,30)= Pick & Place Pad (-SM only) (8,26)(6,67)*Important Note: (1,52)(2,29)325 263 EHF will not mate to FFSD .060 –TR .090 with strain relief (-SR option), = Tape & Reel see ESHF series. Packaging (2,72)

-RA

-SM

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