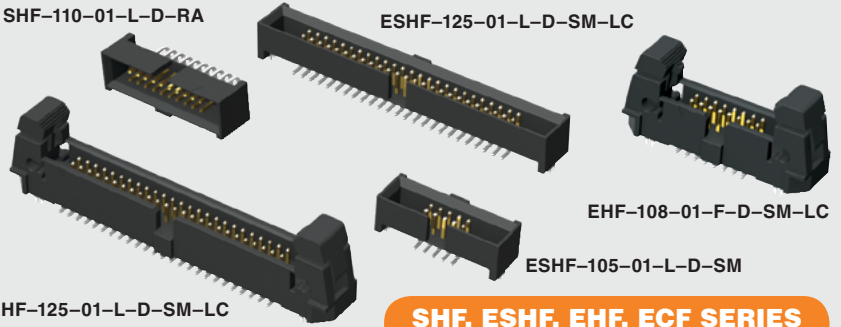


SHF-110-01-L-D-RA

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**

**(1.27 mm) .050"**

# 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](http://www.samtec.com?SHF), [www.samtec.com?ESHF](http://www.samtec.com?ESHF) or [www.samtec.com?EHF](http://www.samtec.com?EHF)

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

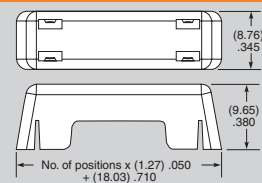
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

- Other sizes

## EJECTOR HEADER CAP (Locks FFSD cable to EHF header)



<b>ECF</b>	<b>NO. PINS PER ROW</b>
	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.

<b>TYPE STRIP</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>01</b>	<b>PLATING OPTION</b>	<b>D</b>	<b>TAIL STYLE</b>	<b>OTHER OPTION</b>
<b>SHF</b> = Mates with FFSD without Strain Relief		<b>04, 05, 06, 08, 10, 11, 12, 13, 15, 17, 20, 25</b> (Standard sizes)		<b>-L</b> = 10 μm (0.25 μm) Gold on post, Matte Tin on tail		<b>-TH</b> = Through-hole <b>-RA</b> = Right-angle <b>-SM</b> = Surface Mount	<b>-LC</b> = Locking Clip (Not available with -RA) (Manual placement required) <b>-TR</b> = Tape & Reel Packaging <b>-K</b> = (6.50 mm) .256" DIA Polyimide Film Pick & Place Pad (-SM only)

<b>TYPE STRIP</b>	<b>A</b>
<b>SHF</b>	No. of pins x (1.27) .050 + (6.35) .250
<b>ESHF</b>	No. of pins x (1.27) .050 + (10.16) .400

<b>EHF</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>01</b>	<b>PLATING OPTION</b>	<b>D</b>	<b>TAIL OPTION</b>	<b>OTHER OPTION</b>
		<b>04, 05, 08, 10, 13, 17, 20, 25</b> (Standard sizes)		<b>-F</b> = Gold flash on post, Matte Tin on tail <b>-L</b> = 10 μm (0.25 μm) Gold on post, Matte Tin on tail		Leave blank for Through-Hole version <b>-SM</b> = Surface Mount <b>-RA</b> = Right-angle	<b>-“XX”</b> = Polarized Position (-RA not available) <b>-LC</b> = Locking Clip (-SM only) (Manual placement required) <b>-K</b> = (7.50 mm) .295" DIA Polyimide Film Pick & Place Pad <b>-P</b> = Pick & Place Pad (-SM only) <b>-TR</b> = Tape & Reel Packaging (-LC not available)

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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.