



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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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 μ" (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

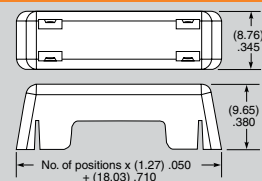
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

- Other sizes
- 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.

<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 μ" (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>ESHF</b> = Mates with FFSD with Strain Relief							

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

<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 μ" (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)