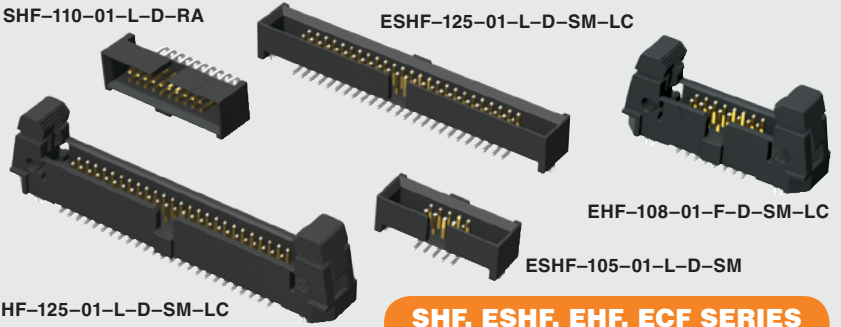


SHF-110-01-L-D-RA

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

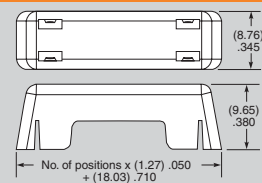
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

- Other sizes

## 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> — 1	<b>NO. PINS PER ROW</b> — 01	<b>PLATING OPTION</b> — D	<b>TAIL STYLE</b> —	<b>OTHER OPTION</b> —						
<b>SHF</b> = Mates with FFSD without Strain Relief	<b>ESHF</b> = Mates with FFSD with Strain Relief	<b>-L</b> = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail	<b>-TH</b> = Through-hole	<b>-LC</b> = Locking Clip (Not available with -RA) (Manual placement required)						
<b>04, 05, 06, 08, 10, 11, 12, 13, 15, 17, 20, 25</b> (Standard sizes)		<table border="1"> <tr> <th>TYPE STRIP</th> <th>A</th> </tr> <tr> <td>SHF</td> <td>No. of pins x (1.27) .050 + (6.35) .250</td> </tr> <tr> <td>ESHF</td> <td>No. of pins x (1.27) .050 + (10.16) .400</td> </tr> </table>			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
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> — 1	<b>NO. PINS PER ROW</b> — 01	<b>PLATING OPTION</b> — D	<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>-SM</b> = Surface Mount	<b>-“XX”</b> = Polarized Position (-RA not available)
<b>05, 08, 10, 13, 17, 20, 25</b>		<b>-L</b> = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail	<b>-RA</b> = Right-angle	<b>-LC</b> = Locking Clip (-SM only) (Manual placement required)

*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.

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Authorized Distributor

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