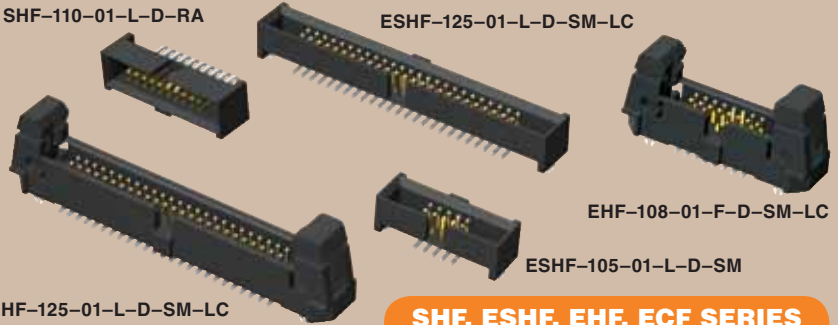


SHF-110-01-L-D-RA

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

50µ" (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)

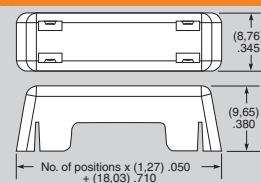


FILE NO. E111594

## 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> - 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> = 10µ" (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
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		<table border="1"> <tr> <td><b>-RA</b></td> <td>= Right Angle</td> </tr> <tr> <td><b>-SM</b></td> <td>= Surface Mount</td> </tr> <tr> <td><b>-K</b></td> <td>= (6,50 mm) .256" DIA Polyimide Film Pick &amp; Place Pad (-SM only)</td> </tr> </table>			<b>-RA</b>	= Right Angle	<b>-SM</b>	= Surface Mount	<b>-K</b>	= (6,50 mm) .256" DIA Polyimide Film Pick & Place Pad (-SM only)
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<b>-SM</b>	= Surface Mount									
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<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	Leave blank for Through-Hole version	<b>-"XX"</b> = Polarized Position (-RA not available)				
		<b>-L</b> = 10µ" (0,25 µm) Gold on post, Matte Tin on tail	<b>-SM</b> = Surface Mount	<b>-LC</b> = Locking Clip (-SM only) (Manual placement required)				
<table border="1"> <tr> <td><b>ECF</b></td> <td><b>NO. PINS PER ROW</b></td> </tr> <tr> <td></td> <td>05, 08, 10, 13, 17, 20, 25</td> </tr> </table>		<b>ECF</b>	<b>NO. PINS PER ROW</b>		05, 08, 10, 13, 17, 20, 25	<b>-RA</b> = Right Angle	<b>-K</b> = (7,50 mm) .295" DIA Polyimide Film Pick & Place Pad	<b>-P</b> = Pick & Place Pad (-SM only)
<b>ECF</b>	<b>NO. PINS PER ROW</b>							
	05, 08, 10, 13, 17, 20, 25							
		<b>-TR</b> = Tape & Reel Packaging (-LC not available)						

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

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