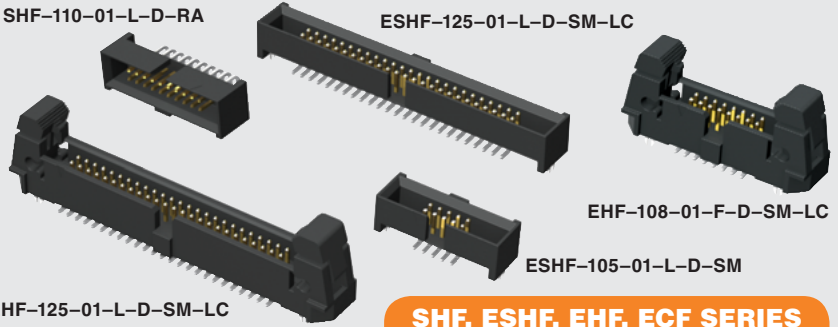


SHF-110-01-L-D-RA

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

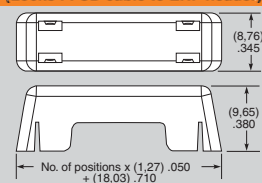
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## 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> = 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>ESHF</b> = Mates with FFSD with Strain Relief						<b>-RA</b> = Right Angle	<b>-TR</b> = Tape & Reel Packaging
						<b>-SM</b> = Surface Mount	<b>-K</b> = (6,50 mm) .256" DIA Polyimide Film Pick & Place Pad (-SM only)

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		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)
						<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>-TR</b> = Tape & Reel Packaging (-LC not available)

No. of positions x (1,27) .050 + (14,48) .570