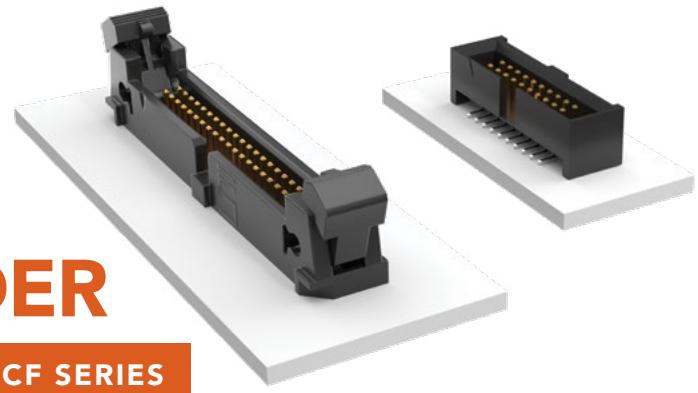


# SHROUDED AND EJECTOR IDC HEADER



(1.27 mm) .050" PITCH • SHF/ESHF/EHF/ECF SERIES

## SHF/ESHF

**Mates:**  
FFSD, FFTP (SHF)

## EHF

**Mates:**  
FFSD\*, FFTP

### \*Important Note:

EHF will not mate to FFSD with strain relief (-SR option), see ESHF series.

## SPECIFICATIONS

**Insulator Material:**  
Black Liquid Crystal Polymer

**Terminal Material:**  
Phosphor Bronze

### Plating:

Sn or Au over  
50  $\mu$ " (1.27  $\mu$ m) Ni

**Operating Temp Range:**  
-55  $^{\circ}$ C to +125  $^{\circ}$ C

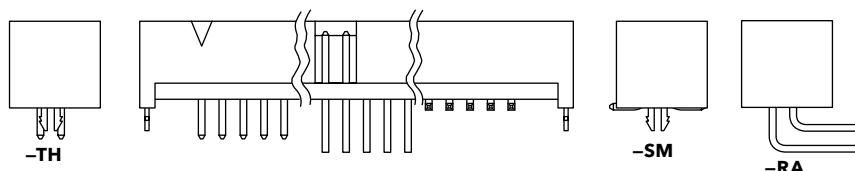
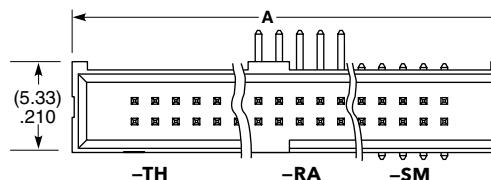
## PROCESSING

**Lead-Free Solderable:**  
Yes

**SMT Lead Coplanarity:**  
(0.10 mm) .004" max

SERIES	1	NO. PINS PER ROW	01	PLATING OPTION	D	TAIL OPTION	OTHER OPTION
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<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 $\mu$ " (0.25 $\mu$ m) 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>ESHF</b> = Mates with FFSD with Strain Relief			<b>-K</b> = (6.50 mm) .256" DIA Polyimide Film Pick & Place Pad (-SM only)			
			<b>-TR</b> = Tape & Reel			
			<b>-FR</b> = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)			



EHF	1	NO. PINS PER ROW	01	PLATING OPTION	D	TAIL OPTION	OTHER OPTION
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<b>EHF</b> = Gold flash on post, Matte Tin on tail	<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 $\mu$ " (0.25 $\mu$ m) Gold on post, Matte Tin on tail	<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 (-LC not available)
						<b>-FR</b> = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (-LC not available)

EJECTOR HEADER CAP (Locks FFSD cable to EHF header)	
No. of positions x (1.27) .050 + (18.16) .715	

ECF	NO. PINS PER ROW
	<b>05, 08, 10, 13, 17, 20, 25</b>

**Note:**  
Some lengths, styles and options are non-standard,  
non-returnable.

# Mouser Electronics

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