



(1,27mm) .050"

SHF, ESHF, EHF, ECF SERIES

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, www.samtec.com?ESHF or www.samtec.com?EHF

Insulator Material:
Black Liquid Crystal Polymer



Terminal Material:
Phosphor Bronze

Plating:

Sn or Au over 50µ" (1,27µm) Ni
Current Rating:
SHF & ESHF = 3A @ 80°C ambient
EHF = 1.75A @ 80°C ambient

Operating Temp Range:
-55°C to +125°C

RoHS Compliant:
Yes

Processing:

Lead-Free Solderable:
Yes

SMT Lead Coplanarity:

(0,10mm) .004" max

RoHS Compliant:

Yes

TYPE STRIP	1	NO. PINS PER ROW	01	PLATING OPTION	D	TAIL STYLE	OTHER OPTION
SHF = Mates with FFSD without Strain Relief		05, 08, 10, 13, 17, 20, 25		-L = 10µ" (0,25µm) Gold on post, Matte Tin on tail		-TH = Through-hole	-LC = Locking Clip (Not available with -RA) (Manual placement required)
ESHF = Mates with FFSD with Strain Relief						-RA = Right Angle	-TR = Tape & Reel Packaging
						-SM = Surface Mount	-K = (6,50mm) .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

EJECTOR HEADER CAP
(Locks FFSD cable to EHF header)

ECF - **NO. PINS PER ROW**

05, 08, 10, 13, 17, 20, 25

TYPE STRIP	1	NO. PINS PER ROW	01	PLATING OPTION	D	TAIL OPTION	OTHER OPTION
EHF		05, 08, 10, 13, 17, 20, 25		-F = Gold flash on post, Matte Tin on tail		Leave blank for Through-Hole version	-XX = Polarized Position (-RA not available)
				-L = 10µ" (0,25µm) Gold on post, Matte Tin on tail		-SM = Surface Mount	-LC = Locking Clip (-SM only) (Manual placement required)
						-RA = Right Angle	-K = (7,50mm) .295" DIA Polyimide Film Pick & Place Pad
							-P = Pick & Place Pad (-SM only)
							-TR = Tape & Reel Packaging (-LC not available)

***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.

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

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