

Surface
SMT
Mount

(1,27mm) .050" HEADER FTR SERIES

SPECIFICATIONS

Materials:

Insulator Material:
Black Liquid Crystal Polymer or Nylon 4/6

Terminal Material:
Phosphor Bronze

Current Rating:
1A

Operating Temp Range:
-65°C to +105°C with Tin;
-65°C to +125°C with Gold

Plating:
Au or Sn over
50µ" (1,27µm) Ni

Important Note: Style -02 with -S plating should not be mated with SLM

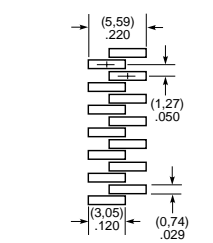
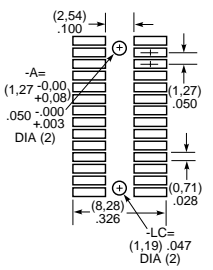
Processing:

Max Processing Temp:
230°C for 60 seconds

SMT Lead Coplanarity:
(0,10mm) .004" max (02-20)
(0,15mm) .006" max (21-40)

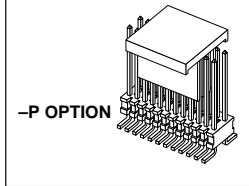
Suggested Paste Thickness:
For most applications add (0,05mm) .002" to max SMT lead coplanarity

Suggested PCB Layouts:
Your specific layout may vary



Mates with:
RSM, SMS, SLM

OPTIONS



Single and double row

Micro pitch (1,27mm) .050"

Available with optional pick-and-place pad

(2,54mm) .100"

Surface Mount



FTR	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
		02 thru 40	Specify LEAD STYLE from chart	<p>-G =10µ" (0,25µm) Gold post Gold flash tail</p> <p>-S =30µ" (0,76µm) Gold post 150µ" (3,81µm) Tin tail</p> <p>-T =150µ" (3,81µm) Tin</p>	<p>-S = Single Row</p> <p>-D = Double Row</p>	<p>-“XXX” = Polarized</p> <p>-A = Alignment Pin (5 positions minimum -D only) (Metal or plastic at Samtec discretion)</p> <p>-LC = Locking Clip (6 positions min. -D only)</p> <p>-P = Plastic Pick & Place Pad (-D= 5 positions minimum) (-S= 9 positions minimum)</p> <p>-TR = Tape & Reel (Required for 5 and 6 positions)</p>

LEAD STYLE	B
-01	(5,84) .230
-02	(2,54) .100
-03	(3,18) .125
-51	(4,83) .190
-52	(5,21) .205
-53	(7,24) .285
-54	(8,51) .335
-55	(9,91) .390
-56	(10,29) .405
-57	(10,92) .430

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