

(1.27 mm) .050"

SMT MICRO HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FTR

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1.27 μ m) Ni

Current Rating (FTR/RSM):

3.1 A per pin

(2 pins powered)

Operating Temp Range:

-55 °C to +105 °C with Tin;

-55 °C to +125 °C with Gold

RoHS Compliant:

Yes

Mates with:

RSM, SMS, SLM

OPTIONS

-P OPTION

Single and double row

(2.54 mm) .100"

Surface mount

Micro pitch (1.27 mm) .050"

Available with optional pick & place pad

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (02-20)

(0.15 mm) .006" max (21-40)*

*(.004" stencil solution

may be available; contact

IPG@samtec.com)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Other platings

FTR	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
02 thru 40			Specify LEAD STYLE from chart	-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail -G = 10 μ" (0.25 μm) Gold on post, Gold flash on tail	-S = Single Row -D = Double Row	- "XX" = Polarized -A = Alignment Pin (5 positions minimum -D only) (Metal or plastic at Samtec discretion) (N/A with -LC) -LC = Locking Clip (6 positions minimum -D only) (N/A with -A) (Manual placement required) -P = Plastic Pick & Place Pad (-D = 5 positions minimum) (-S = 8 positions minimum) -TR = Tape & Reel (-S = 4 positions minimum)

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

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

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.