

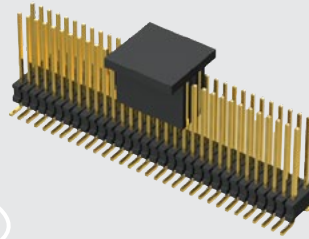
FTR-107-02-G-D-A



FTR-110-52-G-S



FTR-132-52-G-D-P



FTR SERIES

(1.27 mm) .050"

SMT MICRO HEADER

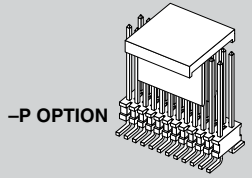
SPECIFICATIONS

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 μm (1.27 μm) 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



Single and double row

Micro pitch (1.27 mm) .050"

(2.54 mm) .100"

Surface mount

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)

RECOGNITIONS

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



ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

FTR	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION																					
02 thru 40			Specify LEAD STYLE from chart	<p>-L = 10 μm (0.25 μm) Gold on post, Matte Tin on tail</p> <p>-G = 10 μm (0.25 μm) Gold on post, Gold flash on tail</p>	<p>-S = Single Row</p> <p>-D = Double Row</p>	<p>-“XX” = Polarized</p> <p>-A = Alignment Pin (5 positions minimum -D only) (Metal or plastic at Samtec discretion) (N/A with -LC)</p> <p>-LC = Locking Clip (6 positions minimum -D only) (N/A with -A) (Manual placement required)</p> <p>-P = Plastic Pick & Place Pad (-D = 5 positions minimum) (-S = 8 positions minimum)</p> <p>-TR = Tape & Reel (-S = 4 positions minimum)</p>																					
				<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>B</th> </tr> </thead> <tbody> <tr><td>-01</td><td>(5.84) .230</td></tr> <tr><td>-02</td><td>(2.54) .100</td></tr> <tr><td>-03</td><td>(3.18) .125</td></tr> <tr><td>-51</td><td>(4.83) .190</td></tr> <tr><td>-52</td><td>(5.21) .205</td></tr> <tr><td>-53</td><td>(7.24) .285</td></tr> <tr><td>-54</td><td>(8.51) .335</td></tr> <tr><td>-55</td><td>(9.91) .390</td></tr> <tr><td>-56</td><td>(10.29) .405</td></tr> <tr><td>-57</td><td>(10.92) .430</td></tr> </tbody> </table>	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	
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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.

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