

FLEX STACK

SHROUDED HEADERS & STACKERS

(1.27 mm) .050" PITCH • TML/ZML SERIES



TML/ZML

Mates:
SMS, RSM

SPECIFICATIONS

TML

Insulator Material:
Black Liquid Crystal Polymer
Insulation Resistance:
5000 MΩ min
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over
50 μ" (1.27 μm) Ni
Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold

ZML

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over
50 μ" (1.27 μm) Ni
Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold

PROCESSING

TML

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max (05-20)
(0.15 mm) .006" max (32)*
*(.004" stencil solution
may be available; contact
IPG@samtec.com)

ZML

Same as TML except:
SMT Lead Coplanarity:
(0.15 mm) .006" max*
*(.004" stencil solution
may be available; contact
IPG@samtec.com)

ALSO AVAILABLE

MOQ Required

Other sizes
Other platings

Notes:

For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact ipg@samtec.com for more information.

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

TML	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	TAIL OPTION	OTHER OPTION								
		05, 08, 10, 20, 32 (Standard sizes)	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		(Leave blank for Through-hole) -RA = Right-angle -SM = Surface Mount (For locking clip add -LC)	- "XXX" = Polarized position (Specify position of omitted pin)								
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ZML	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	BODY HEIGHT	TAIL OPTION											
		05, 08, 10, 20, 32 (Standard sizes)	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		(Leave blank for Through-hole) - "XXX" = -SM Body Height (Specify board space "B" in inches from lead style charts.) -SM = Surface Mount	(Leave blank for Through-hole)											
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