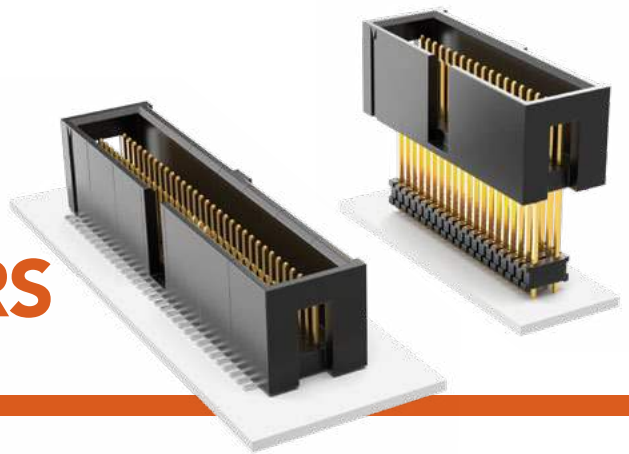


FLEX STACK

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.



NO. PINS PER ROW
05, 08, 10, 20, 32
(Standard sizes)

LEAD STYLE
Specify LEAD STYLE from chart

PLATING OPTION
-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

TAIL OPTION
(Leave blank for Through-hole)
-RA = Right-angle
-SM = Surface Mount (For locking clip add -LC)

OTHER OPTION
-"XXX"
= Polarized position (Specify position of omitted pin)

LEAD STYLE	POST HEIGHT (A)
-01	(3.05) .120
-02	(5.84) .230
-03	(4.32) .170



NO. PINS PER ROW
05, 08, 10, 20, 32
(Standard sizes)

LEAD STYLE
Specify LEAD STYLE from chart

PLATING OPTION
-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

BODY HEIGHT
(Leave blank for Through-hole)
-"XXX"
= -SM Body Height (Specify board space "B" in inches from lead style charts.)
-SM = Surface Mount

TAIL OPTION
(Leave blank for Through-hole)

THROUGH-HOLE	
LEAD STYLE	BODY HEIGHT (C)
-01	(12.83) .505
-02	(14.22) .560
-03	(16.64) .655
-04	(19.69) .775

SURFACE MOUNT		
LEAD STYLE	POST HEIGHT (A)	BODY HEIGHT (B)
-53	(3.05) .120	(13.46) .530 to (20.19) .795
-54	(5.84) .230	(13.46) .530 to (17.40) .685