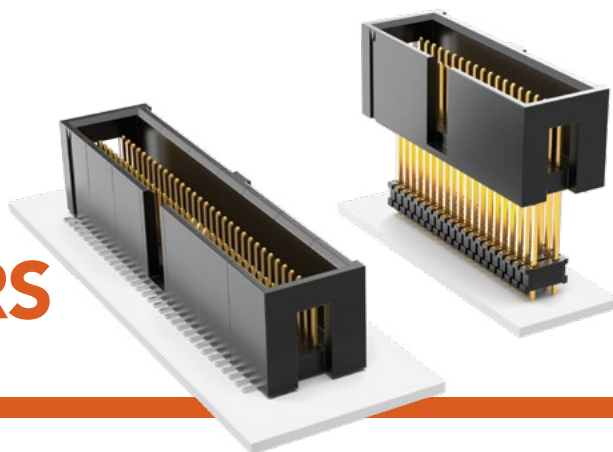


SHROUDED HEADERS & STACKERS

(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
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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

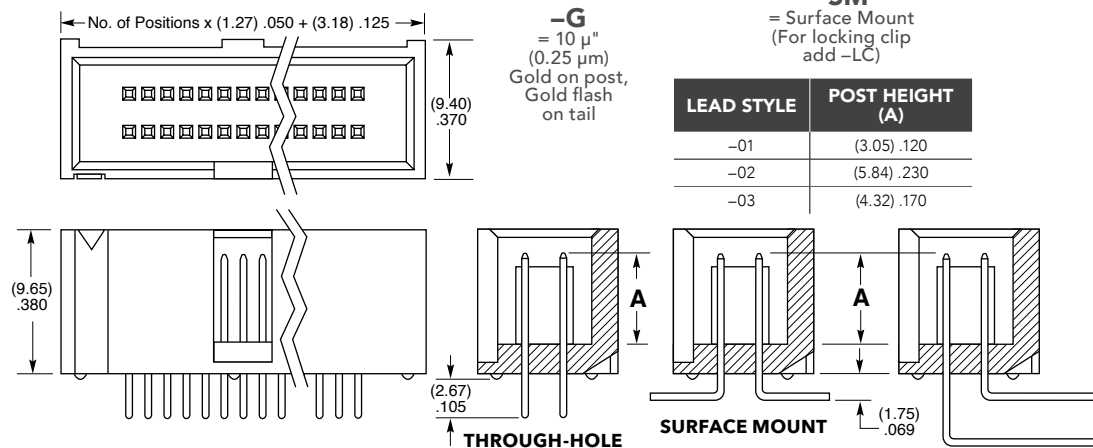
-G
= 10 μ"
(0.25 μm)
Gold on post,
Gold flash
on tail

(Leave blank for
Through-hole)

-RA
= Right-angle

-SM
= Surface Mount
(For locking clip
add -LC)

-“XXX”
= Polarized
position
(Specify position
of omitted pin)



ZML	-	1	NO. PINS PER ROW	-	LEAD STYLE	-	PLATING OPTION	-	D	-	BODY HEIGHT	-	TAIL OPTION
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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.)

(Leave blank for
Through-hole)

-SM
= Surface
Mount

