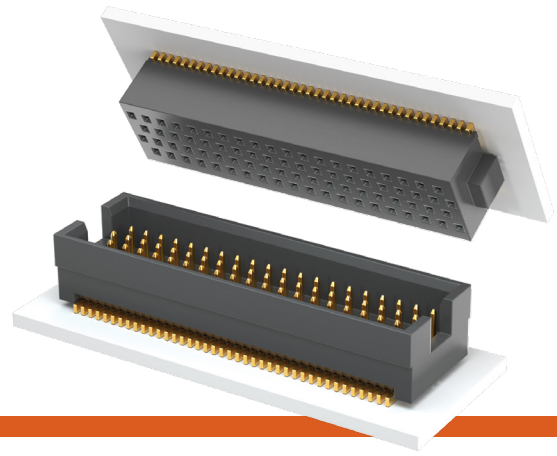


QUAD ROW SMT TERMINAL & SOCKET

(1.27 mm) .050" PITCH • TOLC/SOLC SERIES



TOLC

Mates:
SOLC

SOLC

Mates:
TOLC

SPECIFICATIONS

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au over 50 μ (1.27 μ m) Ni

Operating Temp Range:

-55 $^{\circ}$ C to +125 $^{\circ}$ C

Current Rating:

3.9 A per pin

(2 pins powered)

Voltage Rating:

188 VAC/266 VDC

Insertion Depth (SOLC):

(1.68 mm) .066" to

(3.61 mm) .142" with

(0.38 mm) .015" wiper

Max Cycles (SOLC):

100+

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (05-35)

(0.15 mm) .006" max (40-50)*

*(.004" stencil solution

may be available; contact

ipg@samtec.com)

ALSO AVAILABLE

Contact Samtec

Other sizes

Other platings

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

TOLC	-	1	-	NO. PINS PER ROW	-	LEAD STYLE	-	PLATING OPTION	-	Q	-	OTHER OPTION
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05, 10, 15, 20, 25,
30, 35, 40, 45, 50
(Standard Sizes)

Specify
LEAD
STYLE
from
chart

-F
= Gold flash
on contact,
Gold flash
on tail

-L
= 10 μ "
(0.25 μ m)
Gold on
contact,
Gold flash
on tail

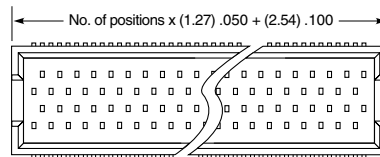
-A
= Alignment Pin
(N/A with -LC)

-LC
= Locking Clip
(N/A with -A)
(Manual
placement required)

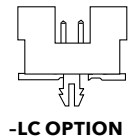
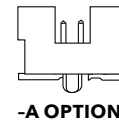
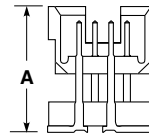
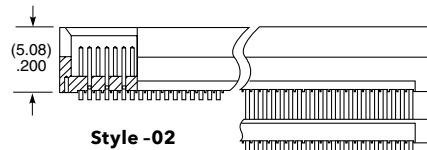
-K
= (9.00 mm) .354" DIA
Polyimide film
Pick & Place Pad

-TR
= Tape & Reel

-FR
= Full Reel Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)



LEAD STYLE	A	MATED HEIGHT
-02	(5.59) .220	(6.35) .250
-12	(7.24) .285	(8.00) .315
-22	(9.25) .364	(10.00) .394
-32	(11.23) .442	(12.00) .472



SOLC	-	1	-	NO. PINS PER ROW	-	02	-	PLATING OPTION	-	Q	-	OTHER OPTION
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05, 10, 15, 20, 25,
30, 35, 40, 45, 50
(Standard Sizes)

-F
= Gold flash
on contact,
Gold flash
on tail

-L
= 10 μ " (0.25 μ m)
Gold on contact,
Gold flash
on tail

-A
= Alignment Pin
(N/A with -LC)

-LC
= Locking Clip
(N/A with -A)
(Manual
placement required)

-K
= (7.00 mm) .276" DIA
Polyimide film
Pick & Place Pad

-P
= Pick & Place Pad

-TR
= Tape & Reel

-FR
= Full Reel Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)

