

Through
T/H
Hole

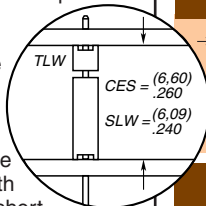
LOW PROFILE HEADER

TLW, MTLW SERIES

Mates with:
BSW, CES, SLW, HLE

FEATURES

These headers provide the ultimate low profile (0.64mm) .025" square post board stacking system. The high quality Phosphor Bronze terminals are available with a standard short post height (TLW Series) for mating with low profile sockets, or the post height can be Modified (MTLW Series) to accommodate IDC assemblies and other applications.



TLW

1

NO. PINS PER ROW

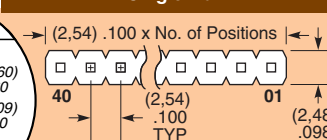
LEAD STYLE

PLATING OPTION

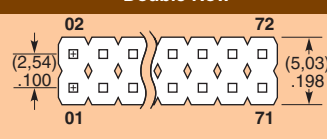
ROW OPTION

OTHER OPTION

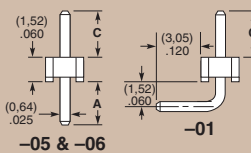
01 thru 40
= Single Row



01 thru 36
= Double Row



Specify
"LEAD STYLE"
from chart



LEAD STYLE	A	C
-01	N/A	(5,84) .230
-05	(4,32) .170	(2,67) .105
-06	(3,43) .135	(2,67) .105

-S
= Single Row

-D
= Double Row

-G
= 10μ" (0,25μm) Gold on post,
Gold flash on tail

-T
= Matte Tin

-RA
= Right Angle
(-01 Lead Style only)

-“XX”
= Polarized Position
Specify position for omitted pin.

SPECIFICATIONS

For complete specifications
www.samtec.com?TLW or
see www.samtec.com?MTLW

Insulator Material:
Black Liquid Crystal Polymer



Terminal Material:
Phosphor Bronze

Plating:
Au or Sn over 50μ" (1,27mm) Ni

Current Rating:
3A

Operating Temp Range:
-55°C to +105°C with Tin
-55°C to +125°C with Gold

RoHS Compliant:
Yes

Processing:

Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x
Lead-Free Solderable:
Yes

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

MTLW

1

NO. PINS PER ROW

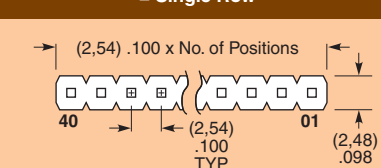
LEAD STYLE

PLATING OPTION

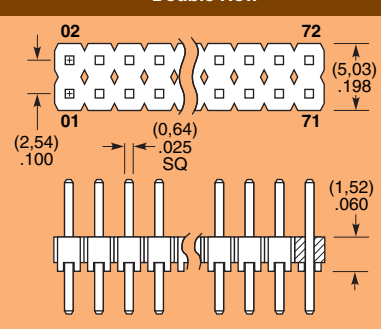
ROW OPTION

POST HEIGHT

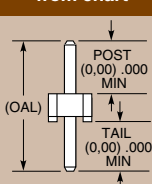
01 thru 40
= Single Row



01 thru 36
= Double Row



Specify
"LEAD STYLE"
from chart



LEAD STYLE	OAL
-05	(8,51) .335
-06	(7,62) .300
-07	(10,92) .430
-08	(13,46) .530
-09	(18,54) .730
-10	(21,08) .830
-22	(16,00) .630
-23	(11,30) .445
-24	(12,19) .480

-S
= Single Row

-D
= Double Row

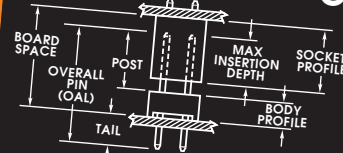
-G
= 10μ" (0,25μm) Gold on post,
Gold flash on tail

-T
= Matte Tin

-S
= 30μ" (0,76μm) Gold on post,
Matte Tin on tail
(Styles -05 & -06 N/A)

-L
= 10μ" (0,25μm) Gold on post,
Matte Tin on tail
(Styles -05 & -06 N/A)

Board Stacking



Due to technical progress, all designs, specifications and components are subject to change without notice.

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