

(2,54 mm) .100"

SLW, CES SERIES

LOW PROFILE SOCKET STRIPS

SPECIFICATIONS

For complete specifications see www.samtec.com?SLW or www.samtec.com?CES

Insulator Material:

Black G.F. Polyester

Contact Material:

Phosphor Bronze

Plating: Au or Sn over

50µ" (1,27 µm) Ni

SLW Current Rating

(SLW/TSW):

5.2 A per pin

(1 pin powered per row)

CES Current Rating

(TSW/CES):

5.5 A per pin

(1 pin powered per row)

Voltage Rating:

SLW: 50 VAC

CES: 400 VAC

Operating Temp Range:

-55°C to +125°C with Gold

-55°C to +105°C with Tin

Contact Resistance:

10 mΩ

Insertion Depth:

SLW: (2,16 mm) .085" to

(2,92 mm) .115"

CES: (2,62 mm) .103" to

(4,06 mm) .160"

Insertion Force:

SLW: (Single contact only)

(3,34 N) 12 oz. avg.

(0,64 mm) .025" SQ pin

CES: (Single contact only)

(2,22 N) 8 oz. avg.

(0,64 mm) .025" SQ pin

Withdrawal Force:

SLW: (Single contact only)

(1,67 N) 6 oz. avg.

(0,64 mm) .025" SQ pin

CES: (Single contact only)

(1,11 N) 4 oz. avg.

(0,64 mm) .025" SQ pin

RoHS Compliant:

Yes

Lead-Free Solderable:

Wave only

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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

SLW

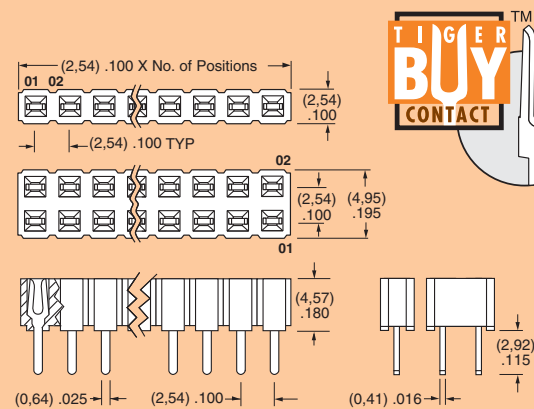
1

NO. PINS
PER ROW

01

PLATING
OPTIONROW
OPTION

01 thru 50



-F

= Gold flash on contact,
Matte Tin on tail

-L

= 10µ" (0,25 µm) Gold on contact,
Matte Tin on tail

-G

= 20µ" (0,51 µm) Gold on contact,
Gold flash on balance

-T

= Matte Tin

-S
= Single
Row

-D
= Double
Row

Mates with:

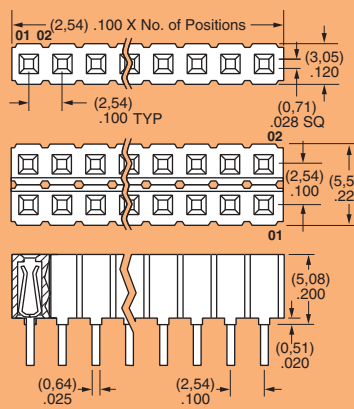
TLW, TSW, MTLW, MTSW,
HW, EW, ZW, HTSW, HMTSW, TSM

CES

1

NO. PINS
PER ROWLEAD
STYLEPLATING
OPTIONROW
OPTIONRA
OPTION

01 thru 50



-01
= (3,25 mm)
.128
"A" Dim.

-02
= (5,66 mm)
.223
"A" Dim.

-L

= 10µ" (0,25 µm)
Gold contact,
Matte Tin on tail

-T

= Matte Tin

-S

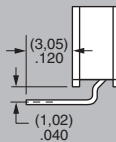
= Single
Row

-D

= Double
Row

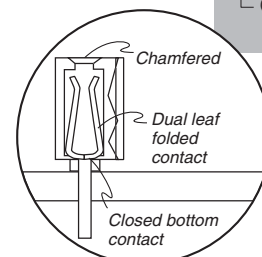
-RA
= Right Angle
version

Style -02 only
Single Row only



Mates with:

TLW, TSW, MTLW,
MTSW, HW, EW, ZW,
DW, HTSW, PHT, HMTSW



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

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