

(2.00 mm) .0787"

## THROUGH-HOLE BOARD STACKERS

#### **SPECIFICATIONS**

For complete specifications see www.samtec.com?TW-TH

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over
50 μ" (1.27 μm) Ni
Current Rating:
5.2 A per pin
(2 pins powered)
Corrent Terms Panne:

Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold
RoHS Compliant:
Yes

Lead-Free Solderable: Yes

#### **RECOGNITIONS**

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



#### Notes:

For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact jpg@samtec.com for more information.

This Series is non-standard, non-returnable.

#### **Other Solutions**

2 mm Shunt

See 2SN Series.



Surface Mount

See previous page







#### **Board Mates:**

CLT, SQT, SQW, ESQT, TLE, SMM, MMS

Cable Mates:

TCSD

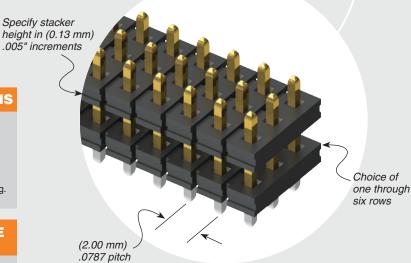
#### **OTHER SOLUTIONS**



Paste In Hole (PIH) processing. Contact Samtec ASP Group.

ALSO AVAILABLE (MOQ Required)

• Other platings



# TW NO. PINS PER ROW 02 thru 50

(0.00) .000 MIN

-S, -D\*, -Q

**POST** 

TAII

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-(0.51) .020 SQ

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LEAD STYLE

Specify LEAD STYLE from chart below.

No. of

(2.00)

STACKER HEIGHT

See

Chart

PLATING OPTION

**−F** = Gold flash on post, Matte Tin on tail

— L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail

> **—T** = Matte Tin

M (1.27) OAL 050 MIN

### ROW STACKER HEIGHT

HEIGHT

TAIL SPEC

-"XXX" = Tail Length

in inches

(0.13 mm) .005

increments

Example: -150

= (3.81 mm)

.150"

-"XXX"
= Stacker
Height
in inches
(0.13 mm)
.005"

increments Example: -250 = (6.35 mm) 250"

AD OAL (1.20) .323 (1.3.60) .535 (15.10) .594 — "XXX"

# Row in Exa —T = Control of the cont

= Four Row -5 = Five

-S

= Single

Row

–D

= Double

Row

 $-\mathbf{Q}$ 

-6 = Six Row

Row

LEAD STYLE	OAL
-01	(8.20) .323
-02	(9.60) .377
-03	(13.60) .535
-04	(14.10) .555
-05	(15.10) .594
-06	(17.10) .673
-07	(19.10) .751
-08	(21.10) .830
-09	(11.60) .456
-10	(15.60) .614
-11	(10.08) .397
-12	(28.19) 1.110

\*Style -08 & -12 = S & D only

ROW OPTION	STACKER HEIGHT
-S, -D*, & -Q	(3.05) .120 MIN
–T, –5, –6	(4.06) .160 MIN

\*-D with stacker height greater than (4.06 mm) .160" will not have standoffs.

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

**|**← (2.00) .0787

-T, -5, -6