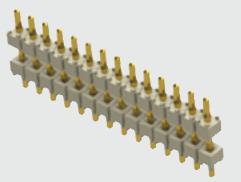


# FLEX STACK

(2.54 mm) .100"

ZW-06-13-L-D-787-118



DW-11-20-T-D-825

DW, EW, ZW, HW-TH SERIES

# FLEXIBLE .025" SQ BOARD STACKERS

## Mates with:

SSW, SSQ, ESW, ESQ,  
CES, SLW, BSW, BCS,  
SSM, HLE, PHF

## Cable Mates:

IDSS, IDSD

## SPECIFICATIONS

For complete specifications see [www.samtec.com?DW](http://www.samtec.com?DW), [www.samtec.com?EW](http://www.samtec.com?EW), [www.samtec.com?ZW](http://www.samtec.com?ZW) or [www.samtec.com?HW-TH](http://www.samtec.com?HW-TH)

## Insulator Material:

DW, EW, ZW: Black Glass Filled Polyester  
HW: Natural Liquid Crystal Polymer

## Terminal Material:

Phosphor Bronze

## Plating:

Au or Sn over

50  $\mu$ " (1.27  $\mu$ m) Ni

## Operating Temp Range:

-55  $^{\circ}$ C to +125  $^{\circ}$ C with Gold  
-55  $^{\circ}$ C to +105  $^{\circ}$ C with Tin

## RoHS Compliant:

Yes

## Lead-Free Solderable:

DW, EW, ZW:

No, Lead Wave Only

HW: Yes

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

## ALSO AVAILABLE (MOQ Required)

- 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](mailto:ipg@samtec.com) for more information.

This Series is non-standard, non-returnable.

TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTIONS
	DW = (2.79 mm) .110" Tail	<b>Specify LEAD STYLE from chart</b>		<b>-S</b> = Single Row	<b>-"XXX"</b> = ZW or HW Tail Length (in inches) (5.08 mm) .200" minimum	<b>-"XXX"</b> = ZW or HW Tail Length (in inches) (5.08 mm) .055" minimum
	EW = (8.38 mm) .330" Tail			<b>-D</b> = Double Row	<b>-250</b> = (6.35 mm) .250"	<b>-250</b> = (6.35 mm) .250"
	ZW = Custom Tail			<b>-T</b> = Triple Row	 Stacker Height (5.08 mm) .200" MIN	 ZW or HW Tail Length (1.40 mm) .055 MIN
	HW = High Temp Custom Tail			<b>-Q</b> = Double Row .200" (5.08 mm) row space	 Stacker Height (5.08 mm) .200" MIN	 ZW or HW Tail Length (1.40 mm) .055 MIN
<b>01 thru 50</b>				<b>-F</b> = Gold flash on contact, Matte Tin on tail		<b>-LL</b> = Locking Lead (Shortest dimension between the tail and the post is the end that will be crimped. Available on tails from (2.29 mm) .090" to (7.87 mm) .310" only.) Single row, 01 & 02 positions & -Q row not available
				<b>-L</b> = 10 $\mu$ " (0.25 $\mu$ m) Gold on contact area of longer tail, Matte Tin on tail		<b>-G</b> = 10 $\mu$ " (0.25 $\mu$ m) Gold on contact area of longer tail, Gold flash on balance
				<b>-T</b> = Matte Tin		<b>-"XXX"</b> = Polarized
						Specify omitted pin position

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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