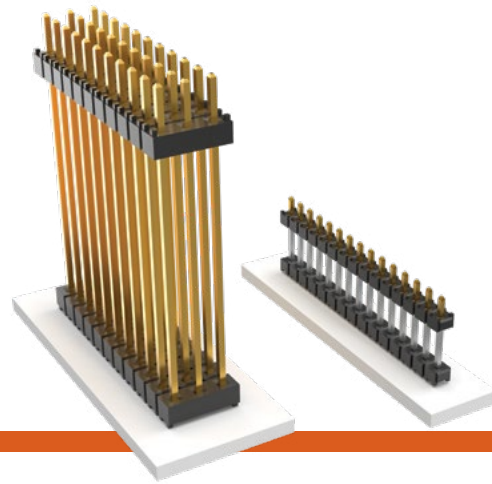# FLEX STACK

FLEXIBLE .025" SQ BOARD STACKERS

(2.54 mm) .100" PITCH • DW/EW/ZW SERIES

DW/EW/ZW

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

Cable Mates:
IDSS, IDSD

SPECIFICATIONS

Insulator Material:
Black Glass Filled Polyester
Terminal Material:
Phosphor Bronze
Plating:
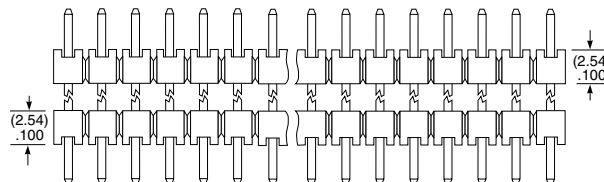Au or Sn over
50 μ" (1.27 μm) Ni
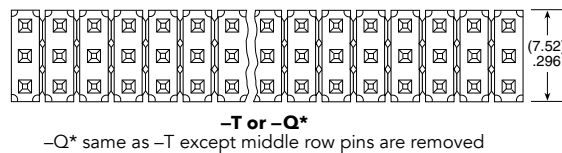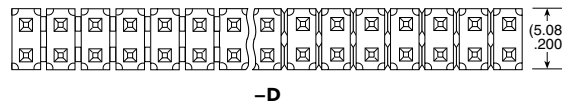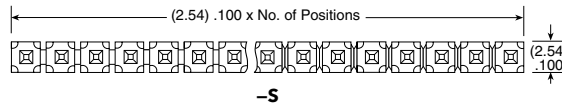**Operating Temp Range:**
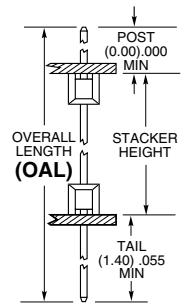-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin

PROCESSING

Lead–Free Solderable:
No, Lead Wave Only

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 for more information.

This Series is non-standard, non-returnable.

| SERIES | – | NO. PINS PER ROW | – | LEAD STYLE | – | PLATING OPTION | – | ROW OPTION | – | STACKER HEIGHT | – | OTHER OPTION |

SERIES

DW
= (2.79 mm) .110" Tail

EW
= (8.38 mm) .330" Tail

ZW
= Custom Tail

NO. PINS PER ROW

01 thru 50

LEAD STYLE

Specify LEAD STYLE from chart

PLATING OPTION

–F
= Gold flash on contact, Matte Tin on tail

–L
= 10 μ" (0.25 μm) Gold on contact area of longer tail, Matte Tin on tail

–G
= 10 μ" (0.25 μm) Gold on contact area of longer tail, Gold flash on balance

–T
= Matte Tin

ROW OPTION

–S
= Single Row

–D
= Double Row

–T
= Triple Row

–Q
= Double Row .200" (5.08 mm) row space

STACKER HEIGHT

–"XXX"
= Stacker Height (in inches) (5.08 mm) .200" minimum

Example:
–250
= (6.35 mm) .250"

OTHER OPTION

–"XXX"
= ZW Tail Length (in inches) (1.40 mm) .055" minimum

Example:
–250
= (6.35 mm) .250"

–LL
= 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

–"XXX"
= Polarized (Specify omitted pin position)

(2.54) .100 x No. of Positions

(2.54) .100

–S

(5.08) .200

–D

(7.52) .296

–T or –Q*
–Q* same as –T except middle row pins are removed

(2.54) .100

(2.54) .100

LEAD STYLE	OAL
– 07	(10.92) .430
– 08	(13.46) .530
– 09	(18.54) .730
– 10	(21.08) .830
– 11	(23.62) .930
– 12	(26.16) 1.030
– 13	(31.24) 1.230
– 14	(36.32) 1.430
– 15	(16.00) .630
– 16	(11.30) .445
– 17	(12.19) .480
– 19	(33.78) 1.330
– 20	(28.70) 1.130

POST (0.00).000 MIN

OVERALL LENGTH (OAL)

STACKER HEIGHT

TAIL (1.40) .055 MIN