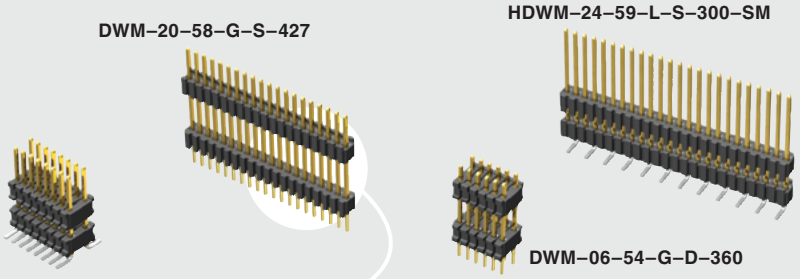
samtec

FLEX STACK



(1.27 mm) .050"

DWM, HDWM SERIES

MICRO BOARD STACKER

SPECIFICATIONS

For complete specifications see www.samtec.com?DWM or www.samtec.com?HDWM

Insulator Material:
LCP
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over
50 µ" (1.27 µm) Ni
Operating Temp Range:
-55 °C to +105 °C with Tin
-55 °C to +125 °C with Gold
RoHS Compliant:
Yes

PROCESSING

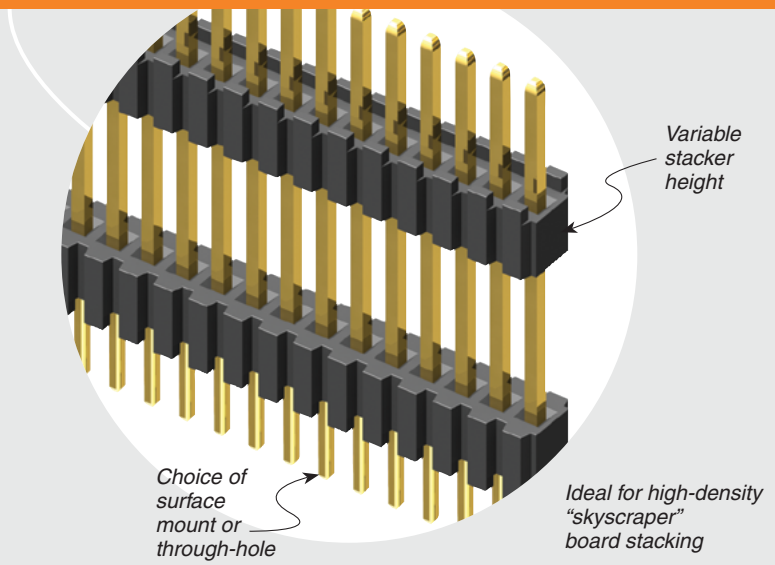
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.15 mm) .006" max*
*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

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

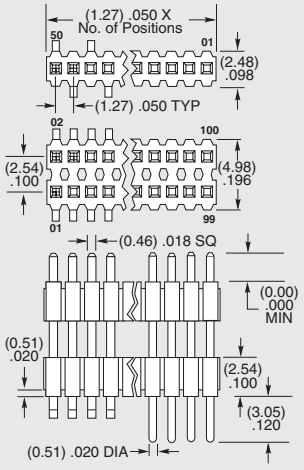
FILE NO. E111594

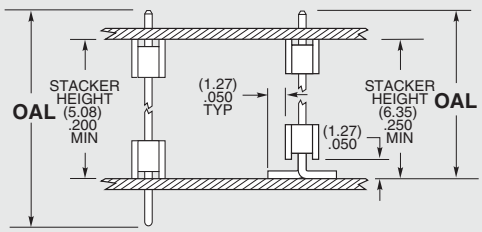
Mates with:
SMS, SLM, RSM



TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTION
DWM = Standard Board Spacer HDWM = High Temp Board Spacer	01 thru 50	Specify LEAD STYLE from chart	–L = 10 µ" (0.25 µm) Gold contact, Matte Tin on tail –G = 10 µ" (0.25 µm) Gold on post, Gold flash on tail	–S = Single Row –D = Double Row	–"XXX" = Stacker Height Example: –250 = (6.35 mm) .250"	–"XXX" = Polarized Position (Specify position of omitted pin) – SM = Surface Mount (Requires HDWM. 02 thru 40 positions only.) – A = Alignment Pin (Requires HDWM. 6 positions min –D only.) Metal or plastic at Samtec discretion (N/A with –LC) – LC = Locking Clip (Requires HDWM. (5 positions min. –D only) (N/A with –A) (Manual placement required) – P = Pick & Place Pad (Requires HDWM)

LEAD STYLE	OAL	
	THROUGH-HOLE	SURFACE MOUNT
–01	(11.43) .450	(8.38) .330
–51	(10.41) .410	—
–52	(10.80) .425	—
–53	(12.83) .505	(9.78) .385
–54	(14.10) .555	(11.05) .435
–55	(15.49) .610	(12.45) .490
–56	(15.88) .625	(12.83) .505
–57	(16.51) .650	(13.46) .530
–58	(17.91) .705	(14.86) .585
–59	(19.18) .755	(15.62) .615
–60	(20.96) .825	—
–61	(26.67) 1.050	—





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 for more information.

This Series is non-standard, non-returnable.

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

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.