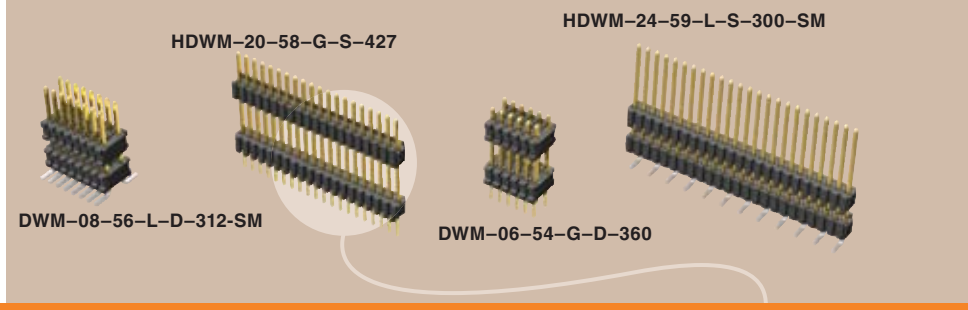
samtec

FLEX STACK

(1,27mm) .050"

DWM, HDWM SERIES



MICRO BOARD STACKER

SPECIFICATIONS

Mates with:
SMS, SLM, RSM

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

Insulator Material:
Top: Black LCP
Bottom: Natural LCP

FILE NO. E111594

Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over 50µ" (1,27µm) Ni
Current Rating:
1A
Operating Temp Range:
-55°C to + 105°C with Tin
-55°C to + 125°C with Gold
RoHS Compliant:
Yes

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

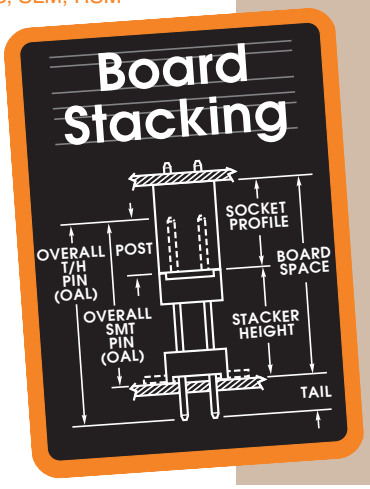
Same as DWM except not CSA rated.

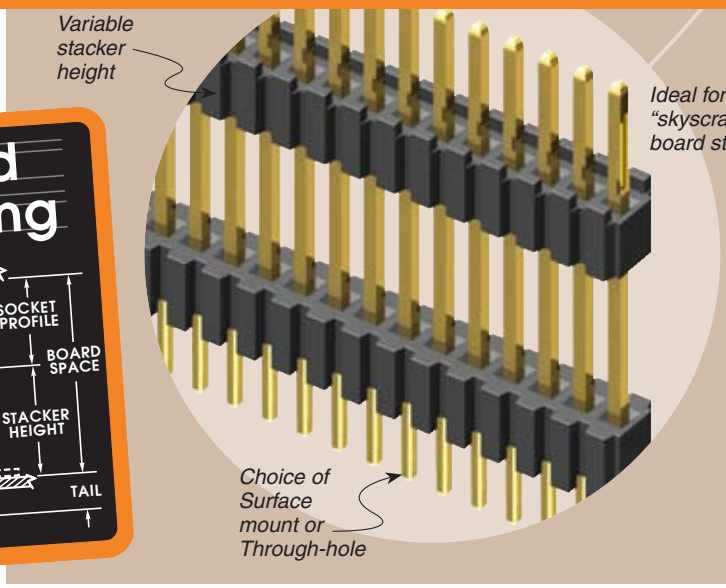
FILE NO. E111594

Processing:
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0,15mm) .006" max

Note: Other Gold plating options available. Contact Samtec.

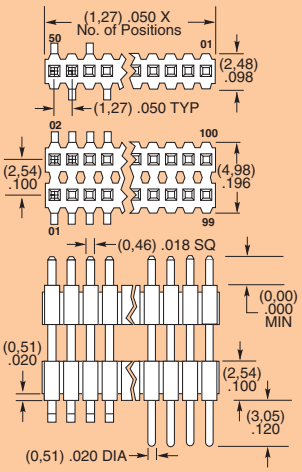
Note: These Series are non-standard, non-returnable.

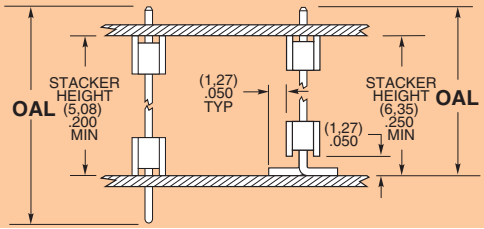




TYPE STRIP	–	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	ROW OPTION	–	STACKER HEIGHT	–	OTHER OPTION
DWM = Standard Board Spacer HDWM = High Temp Board Spacer		01 thru 50		Specify LEAD STYLE from chart		–L = 10µ" (0,25µm) Gold contact, Matte Tin on tail –G = 10µ" (0,25µm) Gold on post, Gold flash on tail		–S = Single Row –D = Double Row		–"XXX" = Stacker Height Example: –250 = (6,35mm) .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	OAL 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	—





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

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