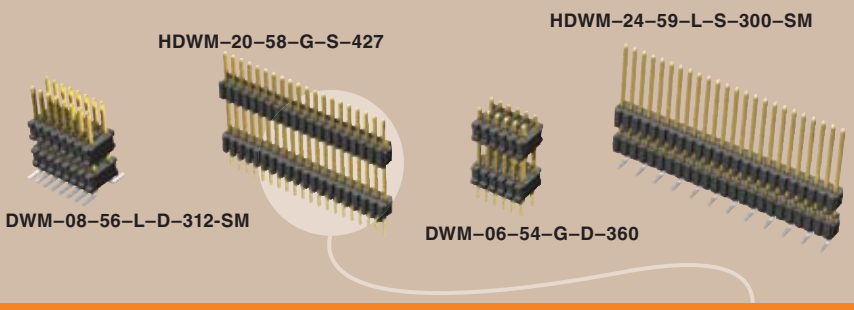
samtec

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
**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

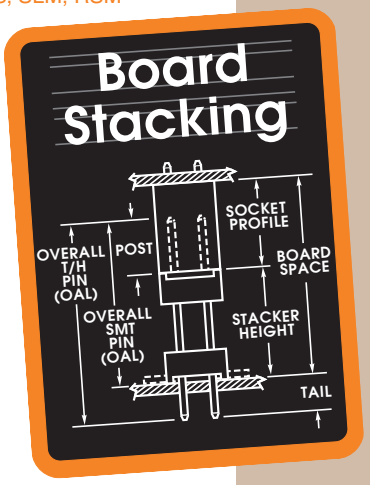
### HDWM
For complete specifications see www.samtec.com?HDWM

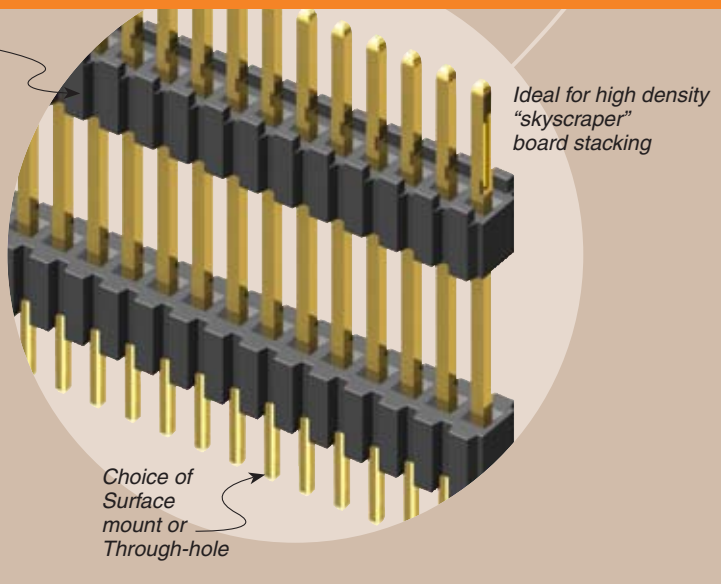
Same as DWM except not CSA rated.

### 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.



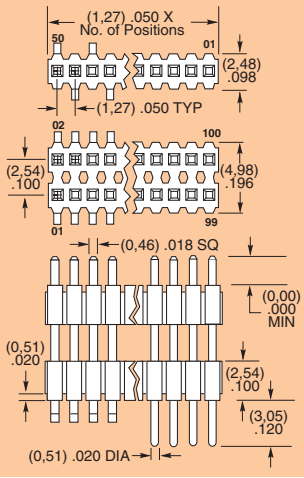



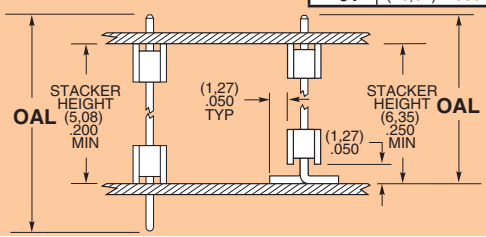

| TYPE STRIP | – NO. PINS PER ROW | – LEAD STYLE | – PLATING OPTION | – ROW OPTION | – STACKER HEIGHT | – OTHER OPTION |
|---|---|---|---|---|---|---|
| | 01 thru 50 | Specify LEAD STYLE from chart | –L = 10µ" (0,25µm) Gold contact, Matte Tin on tail<br>–G = 10µ" (0,25µm) Gold on post, Gold flash on tail | –S = Single Row<br>–D = Double Row | –"XXX" = Stacker Height Example: –250 = (6,35mm) .250" | – "XXX" = Polarized Position (Specify position of omitted pin)<br>– SM = Surface Mount (Requires HDWM. 02 thru 40 positions only.)<br>– A = Alignment Pin (Requires HDWM. 6 positions min –D only.) Metal or plastic at Samtec discretion (N/A with –LC)<br>– LC = Locking Clip (Requires HDWM. (5 positions min. –D only) (N/A with –A) (Manual placement required)<br>– P = Pick & Place Pad (Requires HDWM) |

**DWM**
= Standard Board Spacer

**HDWM**
= High Temp Board Spacer

| 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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