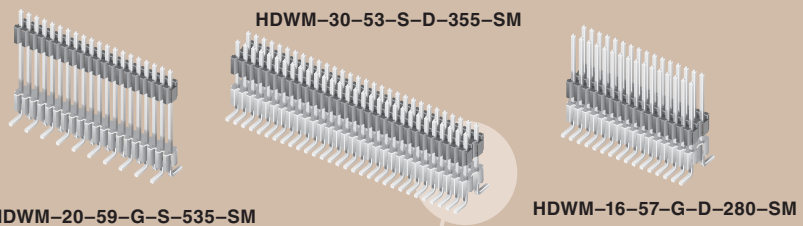
samtec

FLEX STACK

Surface SMT Mount

BOARD STACKER HDWM SERIES



SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?HDWM

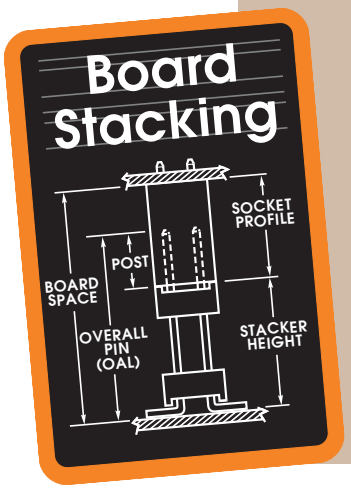
Insulator Material:
Top: Black LCP
Bottom: Natural LCP
FILE NO. E111594
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over 50µ" (1,27µm) Ni
Current Rating:
1A
Operating Temp Range:
-55°C to + 105°C with Tin
-55°C to + 125°C with Gold
RoHS Compliant:
Yes

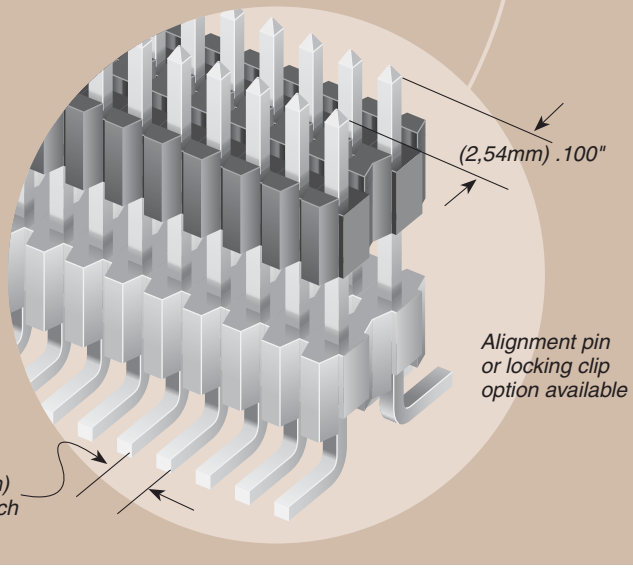
Processing:

Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
.006" (0,15mm) max

Note: This Series is non-standard, non-returnable.

Mates with:
SMS, SLM, RSM





HDWM	– NO. PINS PER ROW	– LEAD STYLE	– PLATING OPTION	– ROW OPTION	– STACKER HEIGHT	– SM	– OTHER OPTION

NO. PINS PER ROW: 02 thru 40

LEAD STYLE: Specify LEAD STYLE from chart

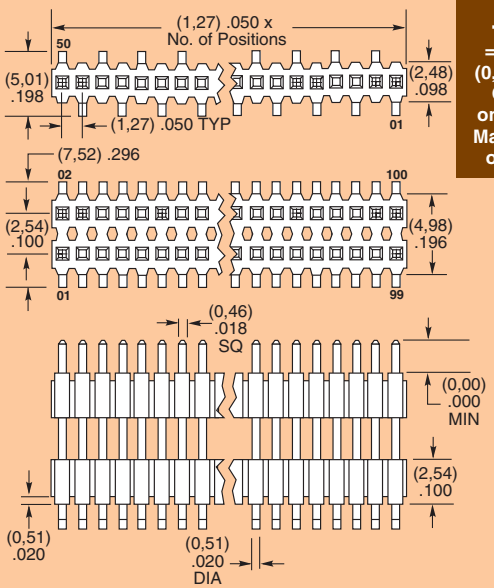
PLATING OPTION:
–G = 10µ" (0,25µm) Gold on post, Gold flash on tail
–S = 30µ" (0,76µm) Gold on post, Matte Tin on tail

ROW OPTION:
–S = Single Row
–D = Double Row

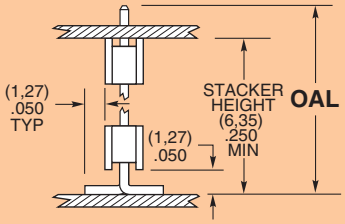
STACKER HEIGHT:
–"XXX" = Stacker Height Example: –250 = (6,35mm) .250"

SM

OTHER OPTION:
–"XXX" = Polarized
–A = Alignment Pin (6 positions minimum –D only.) Metal or plastic at Samtec's discretion
–LC = Locking Clip (5 positions minimum. –D only)
–P = Pick & Place Pad



LEAD STYLE	OAL
–01	(8,38) .330
–53	(9,78) .385
–54	(11,05) .435
–55	(12,45) .490
–56	(12,83) .505
–57	(13,46) .530
–58	(14,86) .585
–59	(15,62) .615



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

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