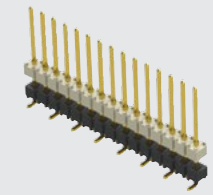
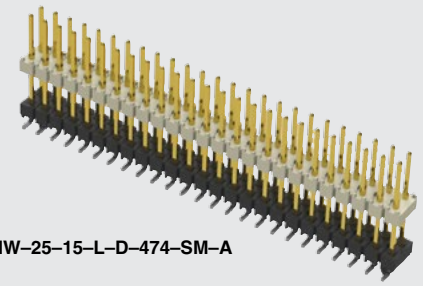
samtec

FLEX STACK





(2.54 mm) .100"

HW-SM SERIES

FLEXIBLE .025" SQ BOARD STACKERS

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

Cable Mates:
IDSS, IDSD, SMSD, SMSS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?HW-SM

Insulator Material:
Top: Natural LCP
Bottom: Black LCP
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
RoHS Compliant:
Yes

PROCESSING

Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
(0.15 mm) .006" max

RECOGNITIONS

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

FILE NO. E111594

FILE NO: 090871_0_000

ALSO AVAILABLE (MOQ Required)

- Other platings
- Locking Clip (Manual placement required) available with double row –SM

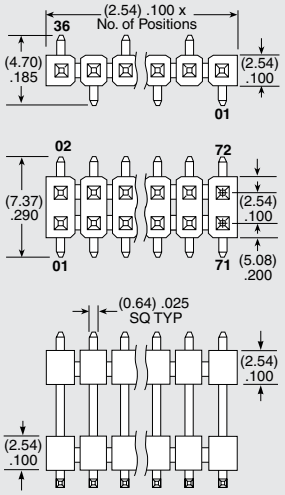
Contact Samtec.

Note: 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.

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

HW	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	SM	OTHER OPTIONS

NO. PINS PER ROW: 02 thru 36



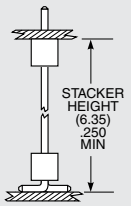
ROW OPTION

– S
= Single Row

– D
= Double Row

STACKER HEIGHT

–"XXX"
= Stacker Height

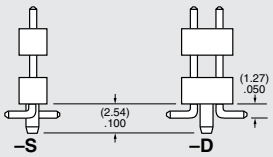


SM

–"XXX"
= Polarized

Specify omitted pin position

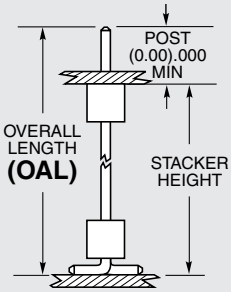
–A
= Alignment Pin



(Metal or plastic at Samtec discretion)

–TR
= Tape & Reel Packaging
(4–27 pins per row only)
(Not Available on Lead Styles 10, 11, 12 & 20)

LEAD STYLE: Specify LEAD STYLE from chart



LEAD STYLE	OAL (SMT)
– 08	(11.81) .465
– 09	(16.89) .665
–10	(19.43) .765
–11	(21.97) .865
–12	(24.51) .965
–15	(14.35) .565
–16	(9.65) .380
–17	(10.54) .415
–20	(27.05) 1.065

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

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.