CLARKE & SEVERN ELECTRONICS

**Solutions that Fit - From One Source** 



## **Archer Kontrol Specification**

Housings: Contacts:

Retaining strap:

Finish: Contacts: Retaining strap: High Temperature Plastic UL94V-0 Phosphor Bronze Brass See individual pages Gold on contact area, Tin on tails Tin

**Durability:** Insertion force (max): Withdrawal force (min): 500 operations 0.8N per contact 0.2N per contact

Operating temperature: Vibration sensitivity:

Soldering heat resistance:

Solderability:

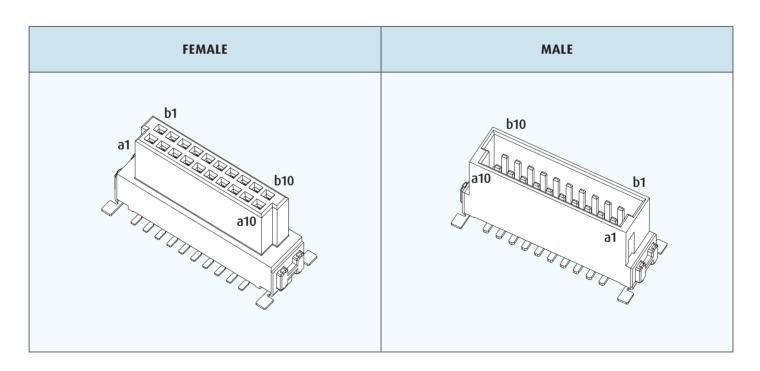
-55°C to +125°C 10Hz to 2000Hz, 1.52mm, 196m/s<sup>2</sup> (20G), duration 12h 245°C for 5 seconds 260°C for 10 seconds

HARWin

Current: Voltage proof: Contact resistance: Insulation resistance: Data rate:

1.2A max per contact 500V AC for 1 minute  $25m\Omega$  max  $10G\Omega$  min Up to 3GBits/s

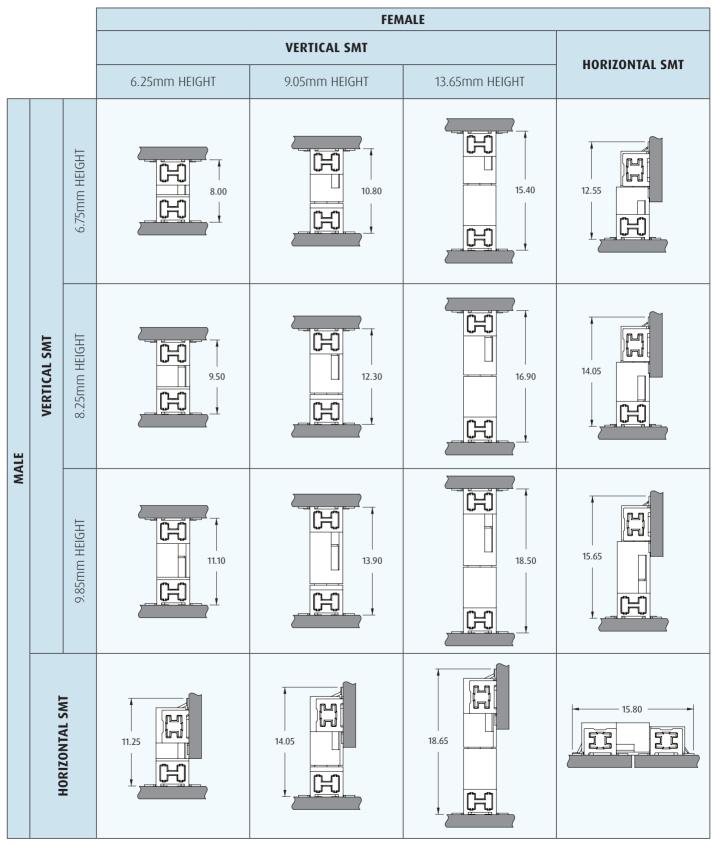
## **Pin Numbering**



All dimensions in mm.

# Archer Kontrol Mating Profiles

Mating heights shown in fully mated condition. Product can be used up to 1.5mm separated and still perform to the same specifications.



All dimensions in mm.

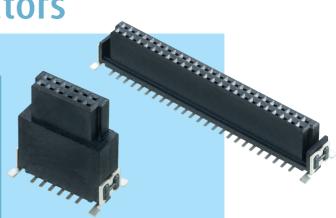


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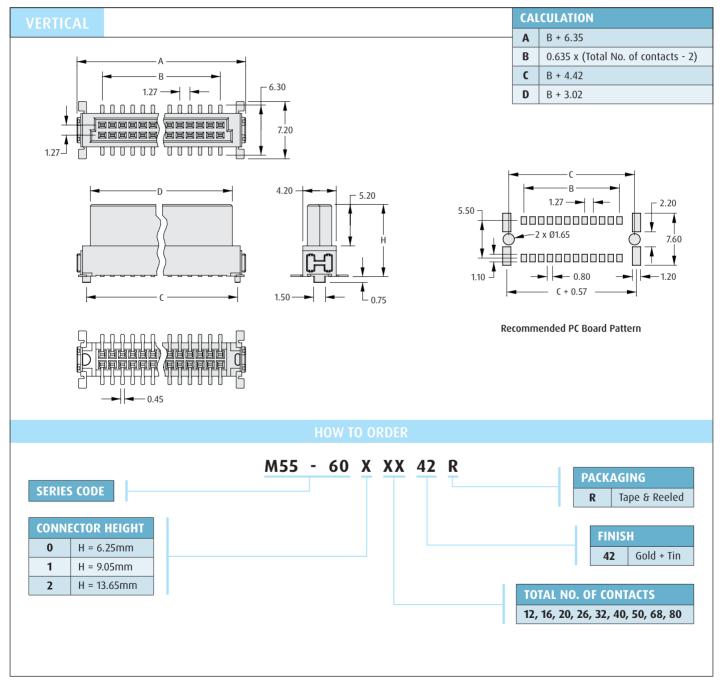
# ARCHER KONTRO

## Female Vertical Surface Mount

- Suitable for parallel board-to-board (mezzanine stacking) or motherboard-to-daughterboard configurations.
- Choice of three height options.
- Polarized and shrouded housing design.
- Location pegs and tape & reel packaging for automated assembly processes.

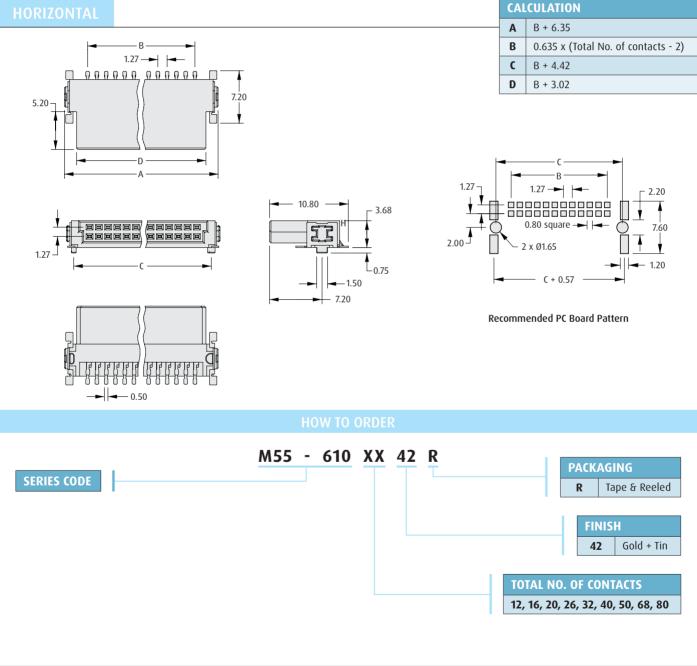


HARWIN



All dimensions in mm.

- Suitable for coplaner (edge-to-edge) or motherboard-to-daughterboard configurations.
- Hold-down SMT retaining straps for additional retention to the board.
- Polarized and shrouded housing design.
- Location pegs and tape & reel packaging for automated assembly processes.



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HARWIN

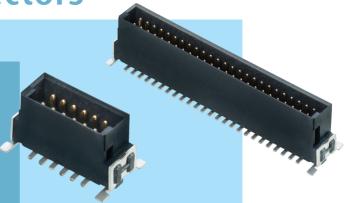
All dimensions in mm.

## Male Vertical Surface Mount

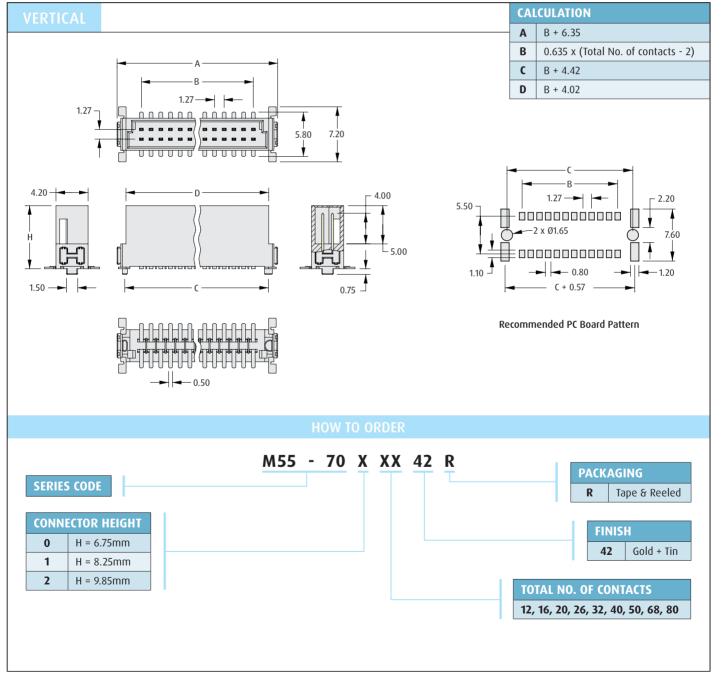
- Suitable for parallel board-to-board (mezzanine stacking) or motherboard-to-daughterboard configurations.
- Choice of three height options.

ARCHER KONTRO

- Polarized and shrouded housing design.
- Location pegs and tape & reel packaging for automated assembly processes.



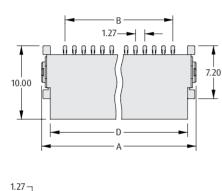
HARWIN



## Male Horizontal Surface Mount

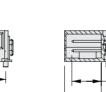
- Suitable for coplaner (edge-to-edge) or motherboard-to-daughterboard configurations.
- Hold-down SMT retaining straps for additional retention to the board.
- Polarized and shrouded housing design.
- Location pegs and tape & reel packaging for automated assembly processes.

## HORIZONTA



4

0.50





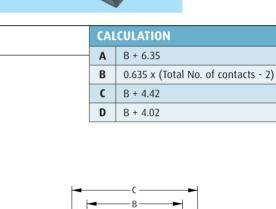
-5.00

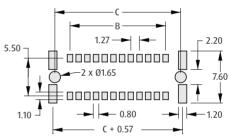
0.75

1.50

6.40

4.20





Recommended PC Board Pattern

HOW TO ORDER

