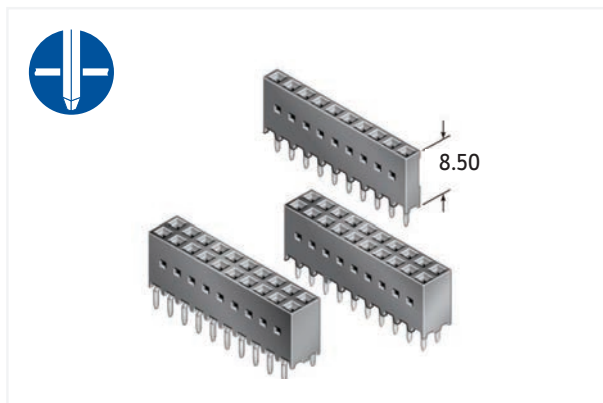


DUBOX™ VERTICAL RECEPTACLES



FEATURES & BENEFITS

- The Dubox™ contact has a pre-stressed, dual beam design to enable low insertion force
- 4-wall contact design for signal protection

TECHNICAL INFORMATION

MATERIALS

- Housing: Glass filled thermoplastic polyester, blue
- Flammability rating: UL94V-0
- Pin: Phosphor-bronze
- Plating: Gold or tin in accordance with IEC 603-81

ELECTRICAL PERFORMANCE

- Current rating: 3A max. per individual contact
2A DC max. per contact for fully energized connector
- Insulation resistance: $1 \times 10^5 \text{M}\Omega$ min.
- Contact resistance: $15 \text{M}\Omega$ max. initial,
 $20 \text{M}\Omega$ max. after environmental tests
- Dielectric withstanding voltage: 1000V RMS



ENVIRONMENTAL

- Operating temperature range: -65°C to $+125^\circ\text{C}$

MECHANICAL PERFORMANCE

- Mating cycles (durability): 200
- Insertion force per gold contact: 1.50 N (150gf) max.
- Withdrawal force per gold contact: 0.30 N (30gf) min.
- Insertion depth:
 - Top entry: 3.6mm min. to 6.81mm max.
[provides .381mm wipe]
 - Bottom entry: 7mm min.
[provides .381mm wipe] plus board thickness

SPECIFICATIONS

-  File no. E66906
-  File no. LR46923
- Product drawing: By 5-digit base part number
- Product specification: HE 13/14 and IEC 603-8

APPROVALS AND CERTIFICATIONS

- This product is RoHS compatible according to the European Union Directive 2002/95/IEC

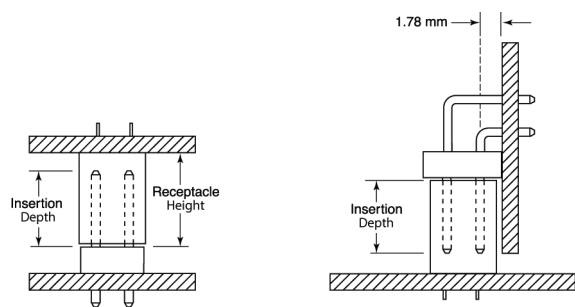
PACKAGING

- Plastic boxes or tubes

PROCESSING INFORMATION

- Compatible with wave soldering processes

TYPICAL APPLICATIONS

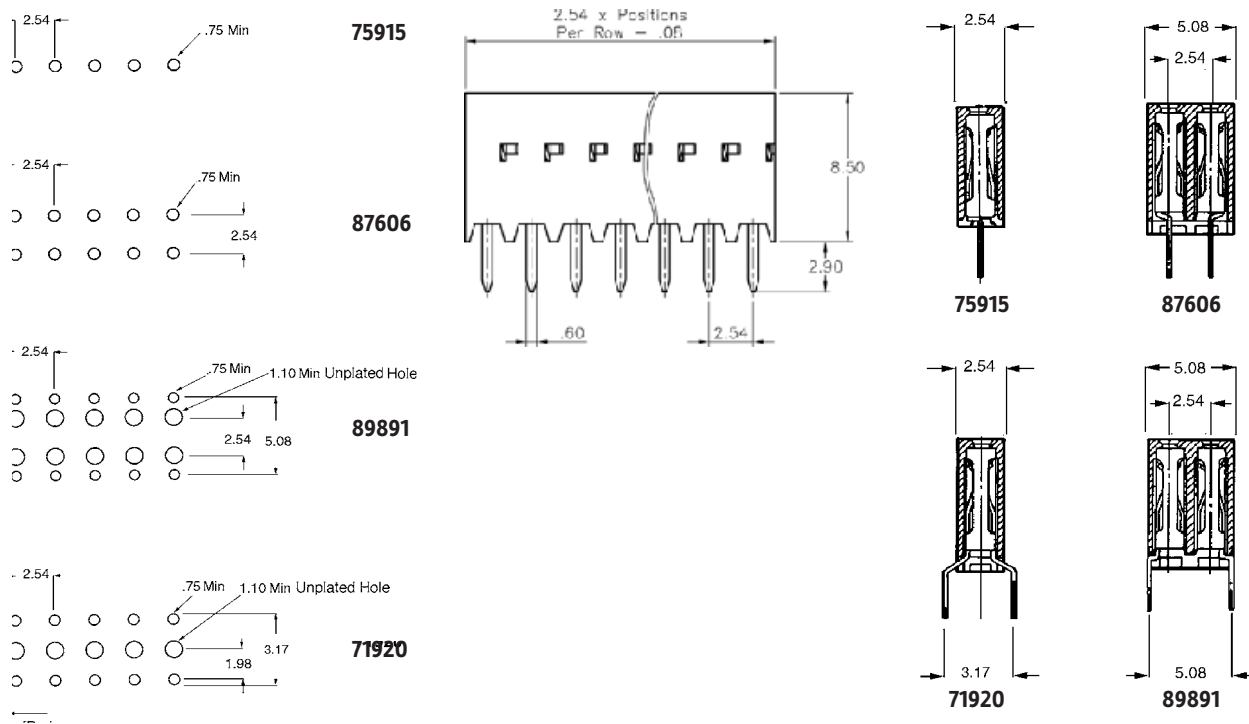


PART NUMBERS

5 DIGIT BASE PART NUMBER	PLATING	POSITIONS PER ROW	LF
Single row, top entry	0.76 µm (30µin.) gold on mating area, tin on solder side	3	02 to 36*
Single row, dual entry			
Double row, top entry			
Double row, dual entry			
75915			
71920			
87606			
89891			

*Other sizes available on request

PRODUCT



Recommended PCB layouts

Dimension in mm

Disclaimer

Please note that the above information is subject to change without notice.