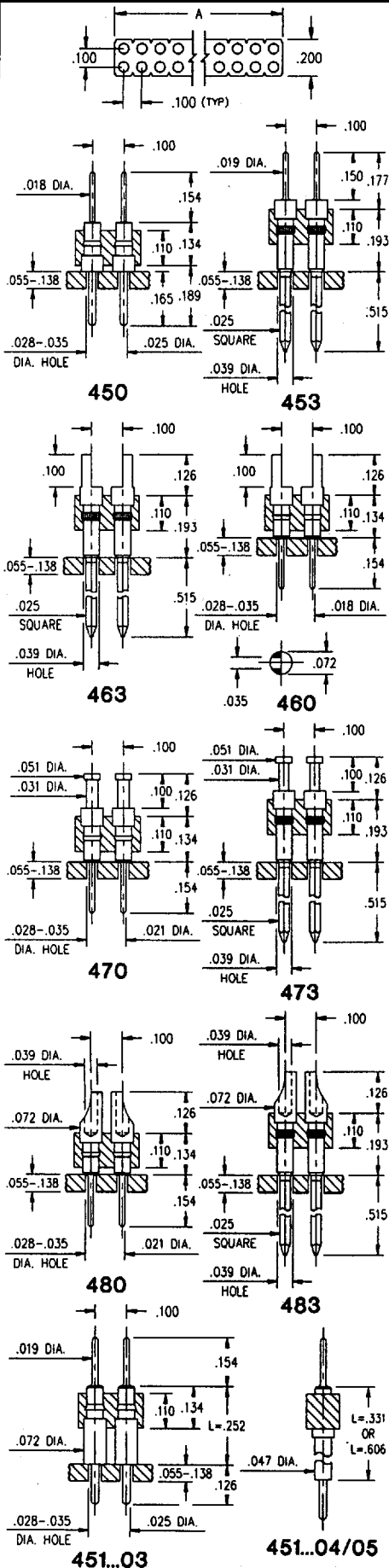


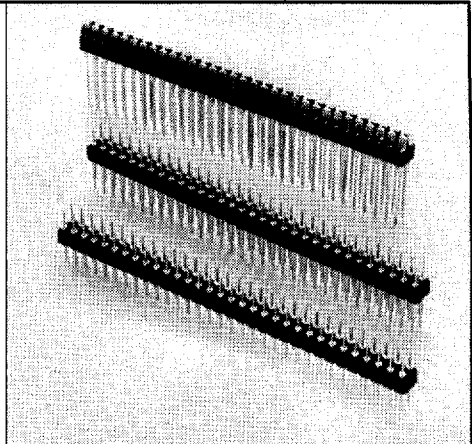


HEADER STRIPS Solder Tail and Wrapost Double Row

Series 450/3, 451, 460/3
470/3, 480/3

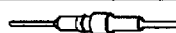


- Various contacts available (pin, slotted head, turret, solder cup) with either soldering (M-M#0290, 0282, 0700 or 8000) or wrapping (M-M#5301, 1106, 0730 or 8301) terminations.
- Interconnects available in 3 lengths (M-M#5503, 5504 & 5505).
- Pin dia .019" at both ends available on request :
for L=.252", 451...009
for L=.331", 451...010
for L=.606", 451...011



No. of pins	A	Ordering Information	
		Series 450	Pin / Solder Tail
2x32	3.2	450-XX-264-00-001	
		Series 453	Pin / 3 Level Wrapost
2x32	3.2	453-XX-264-00-001	
		Series 460	Slotted Head / Solder Tail
2x32	3.2	460-XX-264-00-001	
		Series 463	Slotted Head / 3 Level Wrapost
2x32	3.2	463-XX-264-00-001	
		Series 470	Turret / Solder Tail
2x32	3.2	470-XX-264-00-001	
		Series 473	Turret / 3 Level Wrapost
2x32	3.2	473-XX-264-00-001	
		Series 480	Solder Cup / Solder Tail
2x32	3.2	480-XX-264-00-001	
		Series 483	Solder Cup / 3 Level Wapost
2x32	3.2	483-XX-264-00-001	
		Series 451...03	Interconnect L=.252
2x32	3.2	451-XX-264-00-003	
		Series 451...04	Interconnect L=.331
2x32	3.2	451-XX-264-00-004	
		Series 451...05	Interconnect L=.606
2x32	3.2	451-XX-264-00-005	

Shorter strip lengths are available "cut to order".
Please specify total number of pins required per strip.

SPECIFY PLATING CODE XX=	10	90			
Pin 	10 μ" Au	200 μ" Sn			

9006771 0000071 654



GENERAL TECHNICAL SPECIFICATIONS

MATERIALS

- Insulator body:

Standard material is glass filled thermoplastic polyester (PBT), self-extinguishing, rated UL94V-0. Heat deflection temperature (HDT @ 264 psi) = 204° C (400° F) Color black. Resistant to detergents, mineral acids, solvents, greases and oils (short time).

Surface mount and pin grid array socket insulators are molded from high temperature PCT polyester. HDT @ 264 psi = 254° C (490° F). This material is suitable for all forms of soldering including infra-red reflow and vapor-phase.

Products using standard open frame DIP insulators may also be ordered with high temperature PCT polyester, see ordering information on page 72.

Preci-Dip Series 110,510 and 800 are recognized under the Component Program of Underwriters Laboratories Inc., File E 135165.



- Receptacle (sleeve):

Screw-machined brass (QQ-B-626), plated 10µ" gold or 200µ" tin-lead (SnPb 90/10) over 80-120µ" nickel.

- Pin:

Screw-machined brass (QQ-B-626), plated 10µ" gold or 200µ" tin-lead (SnPb 90/10) over 80-120µ" nickel.

- Contact (Clip):

Stamped beryllium-copper (QQ-C-533) heat treated, plated gold flash, 10µ" or 30µ" gold, or 200µ" tin-lead (SnPb 90/10) over 80-120µ" nickel.

	4-finger standard M-M #30	4-finger standard M-M #12	3-finger M-M #11	6-finger low force M-M #32	6-finger ultra-low M-M #35	6-finger ultra-lite M-M #43
insertion force typical values	150 gm	300 gm	60 gm	60 gm	30 gm	15 gm
extraction force typical values	75 gm	150 gm	30 gm	30 gm	15 gm	8 gm

- Mechanical life: 100 cycles min.

ELECTRICAL DATA

- Rated current: 1A
- Rated voltage: 100 VRMS/150 VDC
- Contact resistance: 10 mΩ max.
- Insulation resistance: 10,000 MΩ min.
- Dielectric strength: 1000 VRMS (Min 700 VRMS for series 117 ShrinkDip)
- Air and creepage distance: .024" min. (.012 for series 117 ShrinkDip)
- Capacitance: 0.3 pF max.

ENVIRONMENTAL DATA

- Operating temperature range: -55/+125°C
- Vibration (No electrical discontinuity greater than 1µs): 10-2000 Hz, 15 g
- Shock (No electrical discontinuity greater than 1µs): 150 g
- Solderability: IEC 68-2-20 Ta
- Resistance to soldering heat: IEC 68-2-20, 260°C, 5s
- Resistance to atmospheric corrosion: IEC 68-2-42 and 43
- Climatic category (IEC): 55/125/21

TECHNICAL SPECIFICATIONS FOR PLCC SOCKETS

MATERIALS:

- Insulator: Glass filled thermoplastic, self-extinguishing rated, UL94V-0, color black.
- Contact: Plated copper alloy overall nickel underplating. finish: (active contact area) tin/lead . (termination area) tin/lead.

MECHANICAL DATA:

- Contact pressure (per contact): 150 grams min.
- Mechanical life (cycles): 50 cycles min.

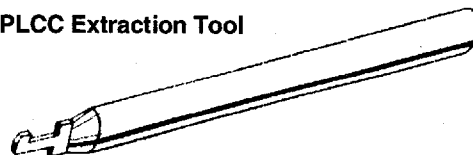
ELECTRICAL DATA:

- Rated current: SMD types: 1A
Thru-hole types: 2A
- Contact resistance: 20 mΩ max.
- Insulation resistance: 5000 MΩ min.
- Dielectric strength: 600 VRMS min.
- Capacitance: 2 pF max.

ENVIRONMENTAL DATA

- Operating temperature: -55/+125°C
- Vibration (No electrical discontinuity greater than 1µs): 10-2000 Hz, 15 g
- Climatic category (IEC): 55/85/21

PLCC Extraction Tool



Part Number 8604-5450