

PCB Mounted Receptacles

NORCON CTP22 4x90 - .100" Grid



Features:

- .100" (2.54 mm) grid - 4 rows
- 360 contacts - side entry
- bifurcated contact design (N/S orientation)
- selectively plated gold contact
- Ni underplate suitable for no-clean operation
- SnPb plated contact leads for solderability
- black housing - UL 94V-0 rated
- anti-shorting strip between terminal rows
- polarized keying features
- intended for use on .062" thick PCB
- intended for use with .025" square pins

Associated Components:

- mounting hardware ([see ref H10001](#))
- polarizing hardware ([see ref H10001](#))
- E.S.D. hardware ([see ref H10001](#))
- primary shroud A0344714
- secondary shroud A0325203

Packaging:

- anti static trays

Options:

- selective loading (1, 2 or 3 rows)
- compliant tails for solderless application
- low insertion force

Specifications:

Mechanical

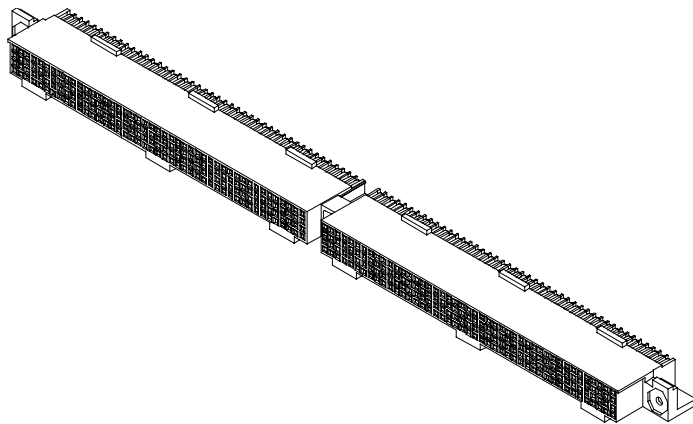
- insertion force: 150 g/contact max
- withdrawal force: 20 g/contact min
- contact retention: 1 200 g/contact min
- contact normal force: 120 g/contact min
- durability: 200 cycles
- operating temperature: -55°C to +85°C

Materials & Finishes

- body: black polyphenylene sulfide (G.F.)
- terminal: CA510 alloy
- contact finish : 50µin Au
- contact underplate: 100µin Ni
- solder tail finish: 100µin SnPb
- overall underplate: 20µin Ni

Electrical

- current rating (continuous): 1 amp/contact max
- contact resistance: 20 milliohms max
- insulation resistance: 5000 megohms min
- dielectric withstand voltage: 1000V RMS





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Ref # A10001