

Size 22 Posted Contacts for Series 90 Connectors

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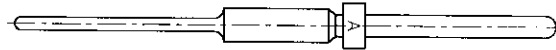
Material and Finish

Pin and Socket Body — Leaded nickel copper or beryllium copper

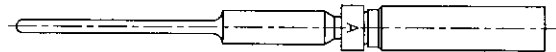
Socket Hood — See chart below



Pin and Socket Insertion/Extraction Tool



Pin
(See drawing No. 207683 for latest configurations)



Socket
(See drawing No. 207684 for latest configurations)

AMP Part Number 91067-1 or MIL Part Number M81969/1-04

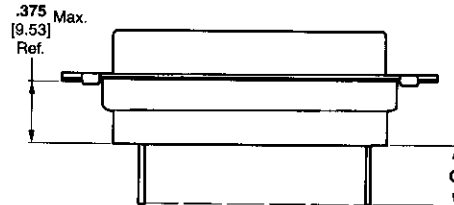
Insertion tip, for replacement Part Number 126237-1

Extraction tip, for replacement Part Number 126195-2

Notes:

1. Contacts on this page can be used with connectors on pages 5130-5134, 5140. See page 5145 for PCB layouts.
2. Mating End of pin and socket complies with MIL-C-39029.

| Post Diameter ± .002 [± .050] | Post Extension C ± .025 [± 0.63] | Part Nos. | | Contact Plating | Socket Hood Material and Finish |
|----------------------------------|-------------------------------------|------------|----------|---|--|
| | | Pin | Socket | | |
| .018 0.46 | .175 4.45 | 207683-6 | 207684-3 | Pin .000050-.000100 [0.00127-0.00254] thick gold plate over .000100-.000150 [0.00254-0.00381] thick copper underplate | Socket .000050-.000100 [0.00127-0.00254] thick gold plate over .000100-.000250 [0.00254-0.00635] thick copper underplate |
| | .275 6.99 | 207683-2 | 207684-1 | | Brass or Beryllium copper with .000050-.000100 [0.00127-0.00254] thick gold plate over .000100-.000250 [0.00254-0.00635] thick copper underplate |
| | .525 13.34 | 207683-4 | 207684-2 | | |
| .025 0.64 | .275 6.99 | 207683-8 | 207684-4 | .000050-.000100 [0.00127-0.00254] thick gold plate over .000050-.000150 [0.00127-0.00381] thick nickel underplate | Passivated Stainless Steel |
| | .275 6.99 | — | 207684-5 | .000050-.000100 [0.00127-0.00254] thick gold plate over .000050-.000150 [0.00127-0.00381] thick nickel underplate | Passivated Stainless Steel |
| .018 0.46 | .525 13.34 | 207683-9 | — | | |
| | .175 4.45 | 1-207683-1 | — | .000050-.000100 [0.00127-0.00254] thick gold plate over .000200-.000250 [0.00508-0.00635] thick nickel underplate | — |



Post extension when used in a standard connector

Pin and Socket Connectors