

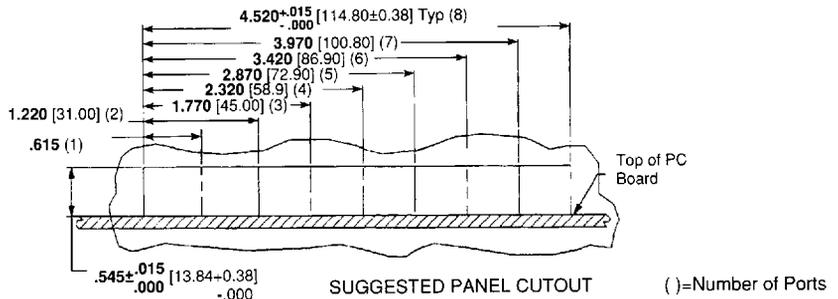
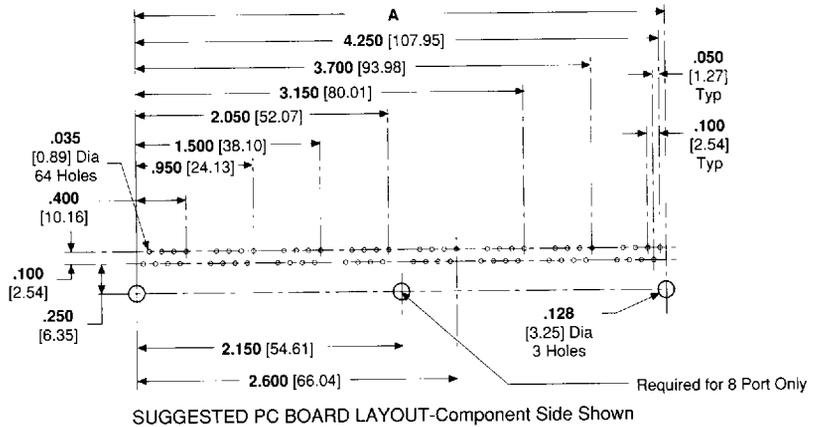
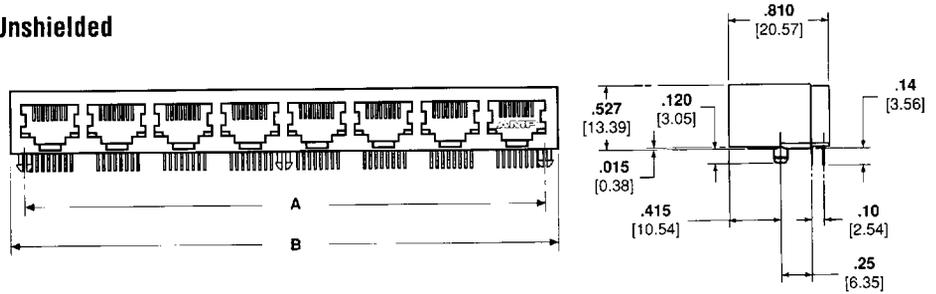
Printed Circuit Board Modular Jacks (Continued)

Multi-Port

Product Facts

- Meets or exceeds FCC Part 68 rules and regulations with industry standard pc board footprints
- Low profile and narrow width allow more ports to be packed into less space
- Unshielded and shielded versions in popular size configurations
- Positive connection throughout life of equipment with insert molded contacts
- Accurately positioned solder tails reduce assembly labor while selectively deposited gold plating results in lower cost
- Center mounting leg standard on 8 port shielded and unshielded versions
- Available with two grounding paths; pc board & panel

Unshielded



Specifications

Electrical:

Current Rating - 1.5 amp max.
@ 25°C

Voltage Rating - 150 VAC max.

Dielectric Withstanding Voltage -
1000 VAC

Insulation Resistance -
500 megohms min.

Shielding Effectiveness -
20dB min., 10 to 200 MHz

Mechanical:

Durability - 750 mating cycles

Mating/Unmating Forces -
5 lbs. max.

Operating Temperature -
-40°C to 70°C

Material and Finish:

Housing - Polysulfone, black,
UL 94V-0 rated

Contact - .013 [0.33] phosphor
bronze; plated .000050 [0.00127]
gold in localized area and .000150
[0.00381] tin-lead on solder tails,
over .000050 [0.00127] nickel
underplate

Shield - .010 [0.25] copper alloy
tin-lead plated

Technical Documents

Application Specifications

114-02048

| Description | No. of Contacts Per Port | Dimensions | | Jack Part No. |
|--------------------------------------|--------------------------|----------------|----------------|---------------|
| | | A | B | |
| 1 Port, 8-Position | 8 | .450 11.43 | .595 15.11 | 557785-1 |
| 1 Port, 8-Position, with Panel Stops | 8 | .450 11.43 | .595 15.11 | 558304-1 |
| 1 Port, 8-Position, Keyed | 8 | .450 11.43 | .595 15.11 | 557804-1 |
| 1 Port, 10-Position | 10 | .450 11.43 | .595 15.11 | 558065-1 |
| 1 Port, 10-Position, Keyed | 10 | .450 11.43 | .595 15.11 | 558066-1 |
| 2 Port, 8-Position | 8 | 1.00 25.40 | 1.20 30.48 | 557560-1 |
| 3 Port, 8-Position | 8 | 1.55 39.37 | 1.75 44.45 | 557561-1 |
| 4 Port, 8-Position | 8 | 2.10 53.34 | 2.30 58.42 | 557562-1 |
| 5 Port, 8-Position | 8 | 2.65 67.31 | 2.85 72.39 | 557563-1 |
| 6 Port, 8-Position | 8 | 3.20 81.28 | 3.40 86.36 | 557564-1 |
| 7 Port, 8-Position | 8 | 3.75 95.25 | 3.95 100.30 | 557565-1 |
| 8 Port, 8-Position | 8 | 4.30 109.22 | 4.50 114.30 | 557566-1 |

Note: On any modular jack, Terminal No. 1 is the terminal to the extreme left as you face the jack opening, tab notch down.