

Recommended Probe Head Configurations

The following configurations are shown in the order of best performance. See the manual for detailed information.

01131-81508

100 Ω mini-axial

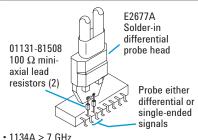
lead resistor (1)

• 1134A ≅ 5.2 GHz

• 1132A ≅ 4.8 GHz

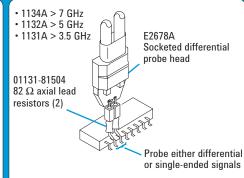
• 1131A ≅ 3.5 GHz

#1 Solder-in Differential



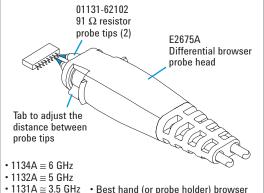
- 1132A > 5 GHz • 1131A > 3.5 GHz
- · Best solder-in connection for differential and
- single-ended signals Lowest capacitance
- Resistors must be cut to proper lengths (see manual).

#2 Socketed Differential



- Best socketed connection for differential and single-ended signals
- Slightly higher capacitance than #1
- Resistors must be cut to proper lengths (see manual).

#3 Differential Browser



#4 Solder-in Single-ended

Solder-in single-ended

01131-81504

0 Ω mini-axial

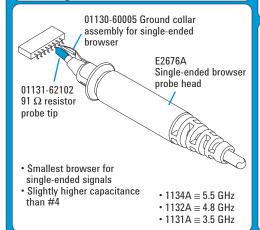
lead resistor (1)

probe head

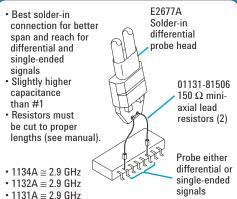
Ground

Resistors must be cut to proper lengths (see manual).

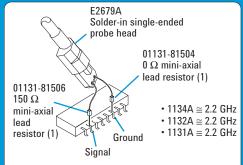
#5 Single-ended Browser



#6 Solder-in Differential Mid Bandwidth



#7 Solder-in Single-ended Mid Bandwidth



Similar capacitance to #2

for differential and single-ended signals

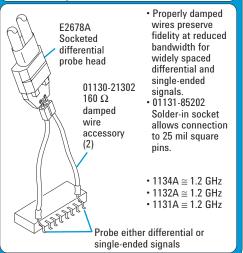
- Smallest solder-in connection for better span and reach of single-ended signals
- Slightly higher capacitance than #4
- Resistors must be cut to proper length (see manual)

Smallest probe head for single-ended signals

Signal

- Lowest capacitance single-ended probe head

#8 Damped Wire Accessories



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