

JIM23K0T25K0XM0

Electrical Specification

Part Number	J1M23K0T25K0XM0
Frequency (GHz)	23.000~25.000
Insertion Loss(dB)MAX	1.3
Isolation(dB)MIN	16.0
Return Loss(dB)MIN	16.0
Operating Temperature	-20°C~+75°C
Power FWD/REV/PK(Watt)	2/2/-

Technical drawing of the JQL probe head, showing five views with dimensions in inches (in brackets) and millimeters (in plain text).

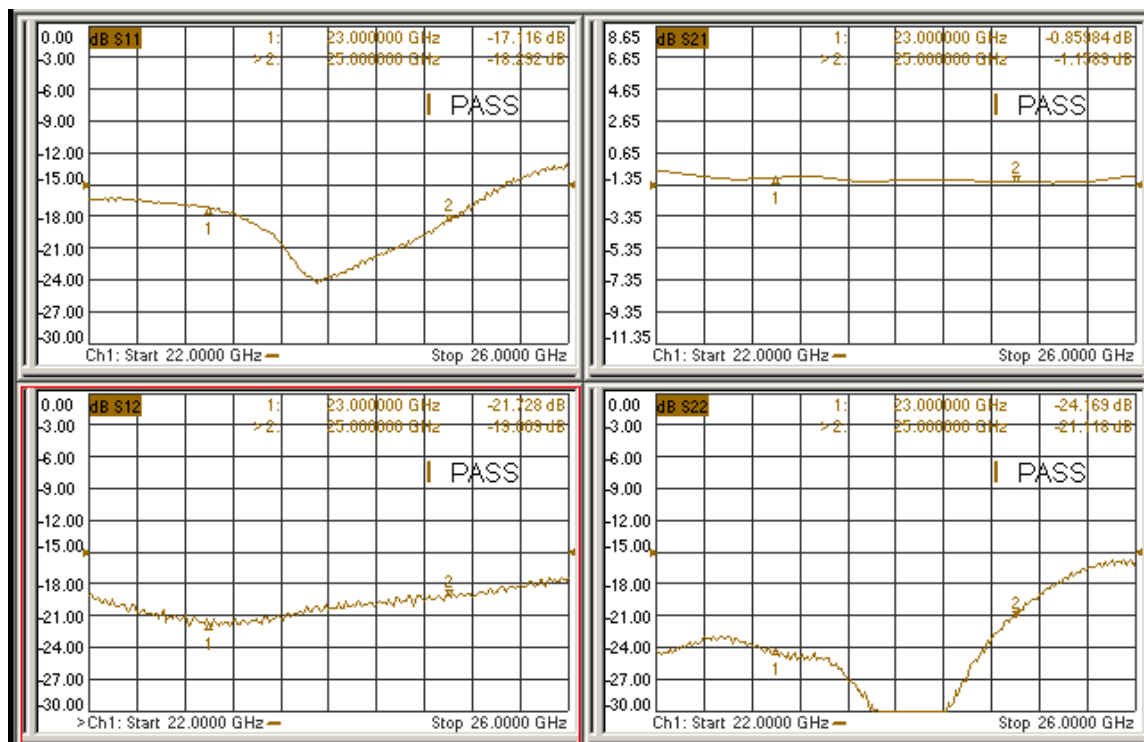
- Front View:** Shows the probe head with a central tip. Dimensions include a 120.00° angle, a central hole of $\varnothing 5.2$ (tolerance [.205]), and a mounting point diameter of $\varnothing 2.45$ (tolerance [.096]). The probe is labeled with 'JQL', 'P/N: XXX', 'f: XXX', and 'S/N: XXX'.
- Side View:** Shows the probe's profile with a maximum width of 4.1 (tolerance [.161]).
- Top View:** Shows the probe's base with a central hole of $\varnothing 3.8$ (tolerance [.150]) and six mounting points of $\varnothing 0.5$ (tolerance [.020] x12). The distance between mounting points is 2.9 (tolerance [.114]).
- Bottom View (Left):** Shows the probe's base with a central hole of $\varnothing 2.4$ (tolerance [.094] x3) and six mounting points of $\varnothing 0.4$ (tolerance [.016] x9). The distance between mounting points is 2.95 (tolerance [.116]).
- Bottom View (Right):** Shows the probe's base with a central hole of $\varnothing 2.7$ (tolerance [.106] x3) and six mounting points of $\varnothing 0.4$ (tolerance [.043] x3). The distance between mounting points is 3.9 (tolerance [.154]).

Soldermask Pattern

K Band Surface Mount Isolator

JIM23K0T25K0XM0

Test Data



Features

- Broadband and low insertion loss
- RoHS & REACH Compliant
- Tape & Reel packaging

Applications

- 5G Infrastructure
- Power amplifiers