

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

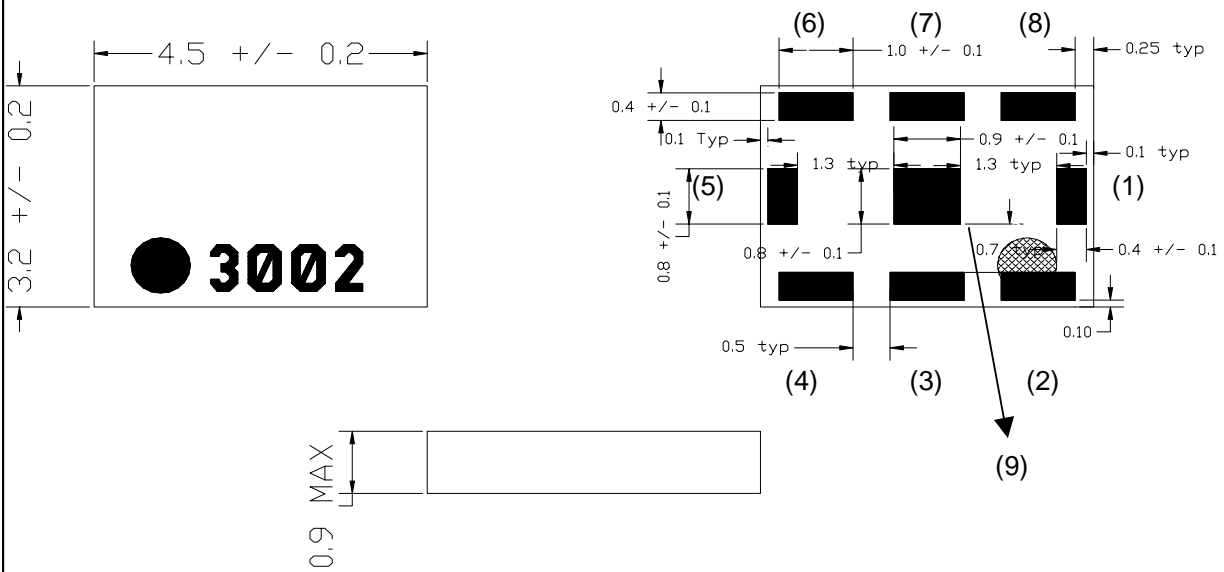
[TDK Corporation](#)
[DEA453960BT-3002B1](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

TDK/Band Pass Filter for UWB DEA453960BT-3002B1

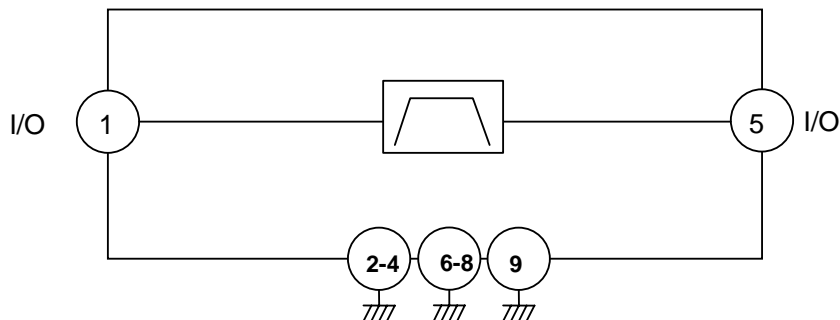
[MECHANICAL DIMENSIONS]



[PIN FUNCTIONS]

| | | |
|-----------|-----------|-----------|
| (1) : I/O | (5) : I/O | (9) : GND |
| (2) : GND | (6) : GND | |
| (3) : GND | (7) : GND | |
| (4) : GND | (8) : GND | |

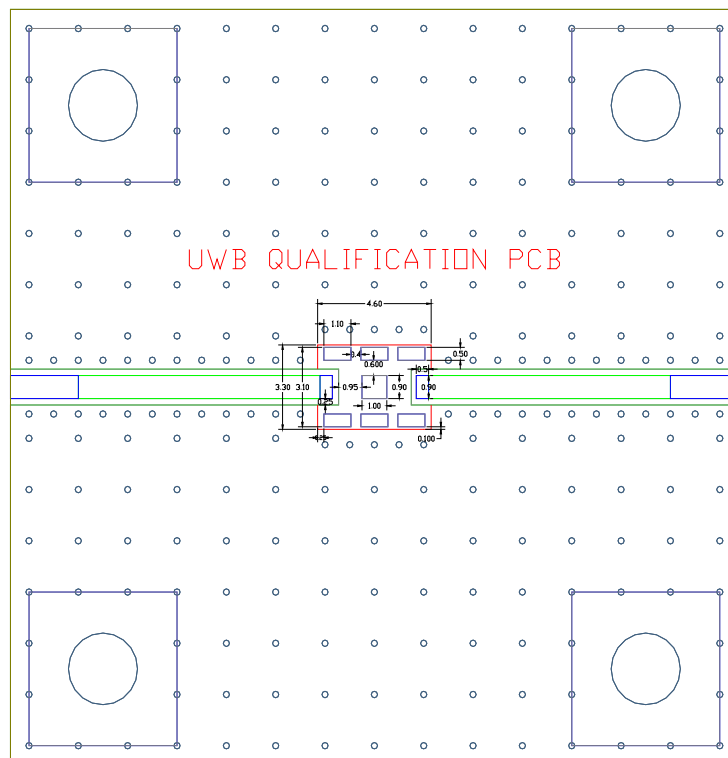
[BLOCK DIAGRAM]



[ELECTRICAL CHARACTERISTICS (T=-30 to 85 ,Z_L=50)]

| PARAMETER | Frequency [MHz] | MIN. | TYP. | MAX. | UNIT |
|-------------------------------|-----------------|------|------|------|------|
| Insertion loss (T=25) | 3168-4752 | | 1.7 | 1.9 | dB |
| Insertion loss (T=-30 to 85) | 3168-4752 | | | 2.2 | dB |
| Input Return loss | 3168-4752 | 10 | | | dB |
| Attenuation | DC-2200 | 30 | | | dB |
| Attenuation | 2400-2500 | 26 | | | dB |
| Attenuation | 5150-5300 | 23 | | | dB |
| Attenuation | 5300-5900 | 25 | | | dB |
| Attenuation | 6336-9504 | 10 | | | dB |

[Test Board]



[Frequency Response]

