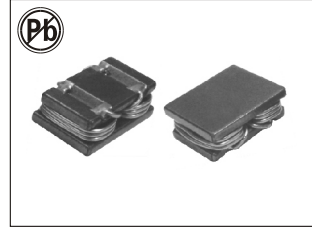


SURFACE-MOUNT COMMON MODE CHOKES

SQD 75T,83T,105T,125T SERIES



FEATURES:

Ferrite Core bobbin construction
High frequency and Large current
Excellent Mechanical Strength
Excellent Solderability
Excellent Frequency performance
Low Profile and Low cost

OPTIONS:

Packaging:Tape & Reel is standard
(Qty:2000pcs)
Bulk packaging available for smaller quantities
Tolerance:20% is standard, tighter tolerances available

COMMON APPLCATIONS:

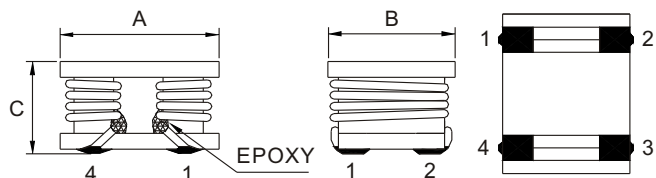
DC/DCAC/DC convertor
Video Cameras
Communication System
Automotive Systems
Liquid Crystal Televisions
Hard Disk Drives
Network Systems
Computer Peripheral Equipment

ELECTRICAL CHARACTERISTICS:

| Part Number | Common Mode Impedance@100MHz ()Typical | IDC (A)Max | DCR (m)Max |
|-------------|---|------------|-------------|
| SQD75T-601 | 600 | 4.0 | 15 |
| SQD75T-102 | 1000 | 3.0 | 17 |
| SQD75T-122 | 1200 | 3.0 | 25 |
| SQD75T-152 | 1500 | 2.0 | 40 |
| SQD83T-501 | 500 | 3.0 | 18 |
| SQD83T-801 | 800 | 2.0 | 28 |
| SQD83T-102 | 1000 | 1.5 | 58 |
| SQD105T-401 | 400 | 7.0 | 5 |
| SQD105T-751 | 750 | 5.0 | 10 |
| SQD105T-102 | 1000 | 4.0 | 15 |
| SQD125T-901 | 900 | 10.0 | 10 |
| SQD125T-102 | 1000 | 7.0 | 15 |
| SQD125T-122 | 1200 | 5.0 | 25 |

Note:1. K= 10%,M= 20%,N= 30%

TECHNICAL INFORMATION:

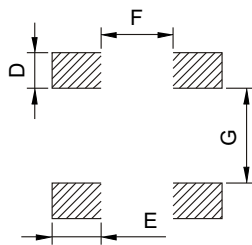


Inductance Testing: 1KHz 1V HP4284A
Z test with HP4191A or HP4395A
RDC:QuadTech 1880 Milliohmmeter
Operating temperature: -40 to +105
Storage Temperature: -40 to +105
Resistance to soldering heat:260 for 10 seconds
Marking: Part number and date code
Note:All specifications subject to change without notice.

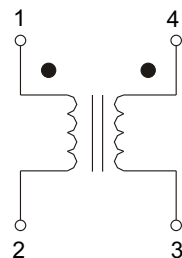
PHYSICAL CHARACTERISTICS:

MSN: bruce_fu-vip@hotmail.com

LAND PATTERNS



DIMENSIONS IN:mm



| Type | A | B | C | D | E | F | G |
|----------|----------|----------|---------|-----|-----|-----|-----|
| SQD75 T | 7.5 0.3 | 8.8 0.3 | 5.0 0.3 | 2.0 | 2.8 | 2.6 | 1.4 |
| SQD83T | 8.0 Max | 6.5 Max | 3.5 Max | 2.0 | 2.0 | 2.0 | 2.6 |
| SQD 105T | 10.5 Max | 8.5 Max | 5.5 Max | 2.1 | 2.4 | 2.9 | 3.9 |
| SQD125T | 12.0 0.3 | 10.0 0.3 | 4.5 0.3 | 2.6 | 3.0 | 3.0 | 4.4 |