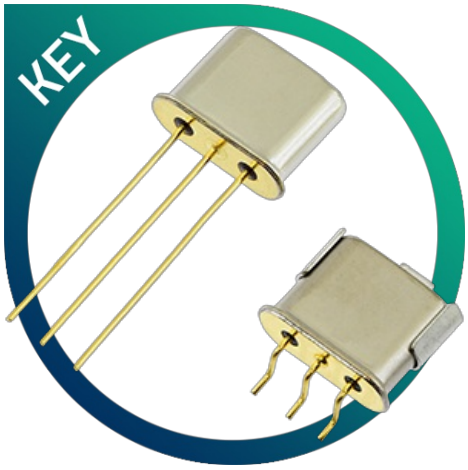
GMCF-45

45G30B3

45MHz 4 pole crystal filter with 30.0kHz 3dB bandwidth



- Custom specifications available
- Fundamental or 3rd overtone modes
- Comprehensive stocks

CONFIGURABLE OPTIONS

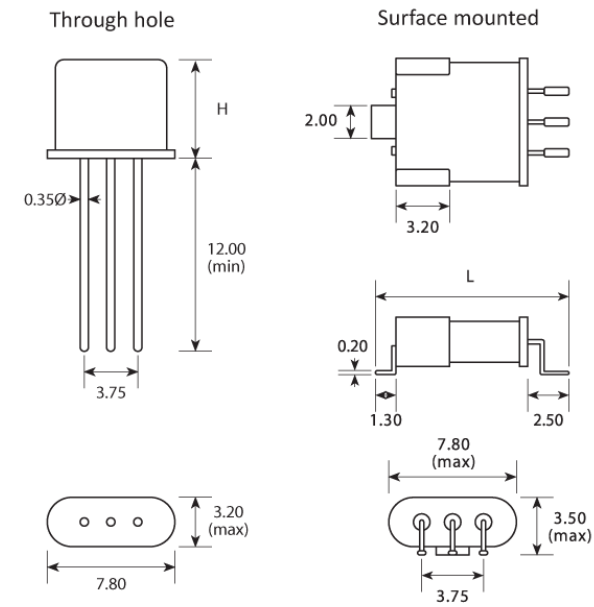
Parameter	Option Code
Package	
Any	
UM-1/3Lx2 (leaded)	
UM-5/3Lx2 (leaded)	
UM-1JN/3Lx2 (SMT)	
UM-5JN/3Lx2 (SMT)	

SPECIFICATIONS

Centre frequency	45.0MHz
Dimensions	Package options available - see Package Drawing
Operating temperature range	-20 to +70°C
Number of poles	4
Pass band	-3dB @ ±15.0kHz min
Attenuation band	-30dB @ ±60.0kHz max
In-band ripple	1.0dB max
Insertion loss	3.0dB max
Guaranteed attenuation	-70dB max +500 ~ +1000kHz -70dB max -300 ~ -1000kHz
Termination	8000Ω // -1.0pF
Package style	UM-1/3Lx2, UM-5/3Lx2 (through-hole) UM-1JN/3Lx2, UM-5JN/3Lx2 (SMT)
Coupling capacitance (C_C)	-1.5pF

PACKAGE DRAWING

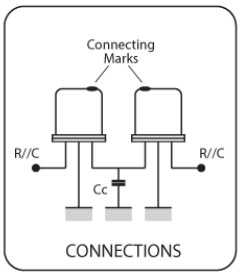
Package Options



Package	Height H
UM-1/3L	8.00 max
UM-5/3L	6.00 max

Package	Length L
UM-1JN/3L	12.50 max
UM-5JN/3L	10.50 max

Dimensions in mm



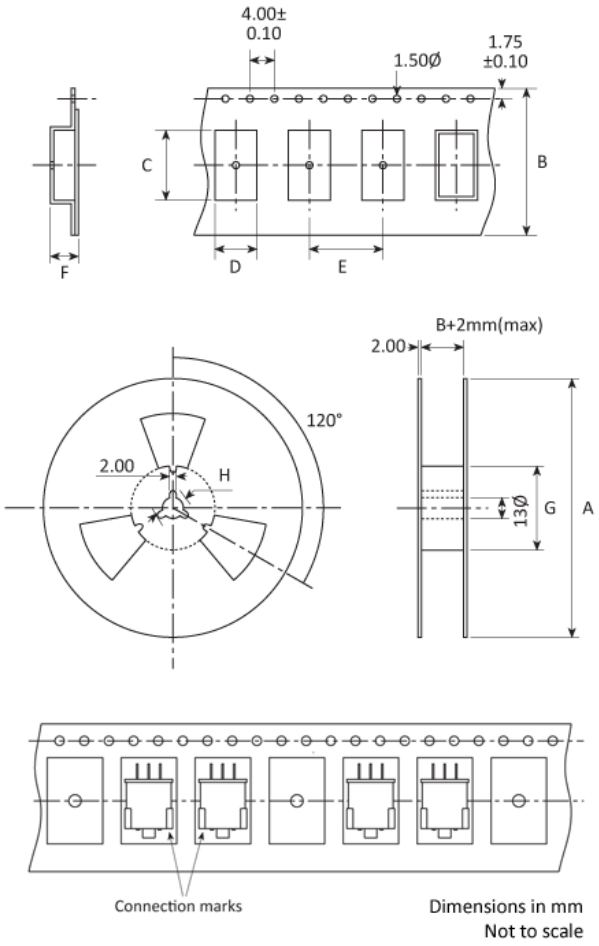
ORDERING INFORMATION

To request a quotation for the GMCF-45 45G30B3 please use the configurable options form to choose the options you require and then submit your configured product to our team. Our expert advisers are always happy to help with your requirements and can be contacted on +44 1460 256 100 or at sales@golledge.com.

Following product selection you will be issued with a seven character Golledge part number. Your Golledge part number is the internationally accepted Golledge manufacturing part number (MPN) that should be used for all project documentation, including bills of materials (BoMs) and purchase orders.

If you have any queries regarding any of our documentation our dedicated sales team will be happy to help.

TAPE & REEL SPECIFICATION

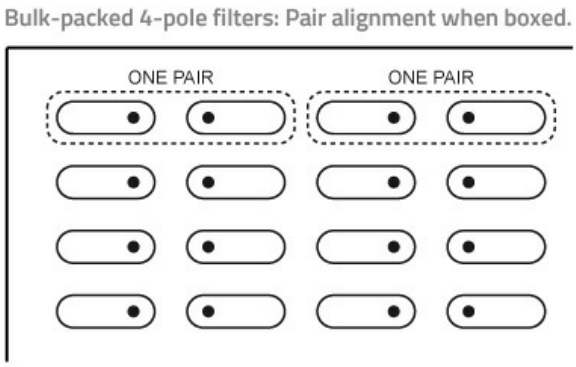


UM-1J - A:330 B:24 C:14.1 D:8.4 E:12 F:4.6 G:80 H:21
UM-5J - A:180 B:24 C:12.5 D:8.4 E:12 F:4.4 G:60 H:21

HANDLING & STORAGE

Human Body Model (HBM) 1A (250V to <500V)

Moisture Sensitivity Level (MSL): 1 (or not applicable)



These filters are individually matched pairs. One filter is composed of two physical units, which have been factory-matched for optimum performance.

DO NOT MIX. Unmatched pairs will offer impaired performance.

For filters supplied in boxes, please refer to the above diagram.

Matched pairs may also be supplied in individual bags.

CONSTRUCTION

Resistance weld

MATERIAL COMPOSITION

Lead-free (< 0.1% by weight)

RoHS 2 compliant with no exemptions. See our declaration

REACH compliant. See our statement

Free of conflict minerals. See our declaration

Free of Halogens. See our declaration

Free of Ozone-depleting substances. See our declaration

OTHER INFORMATION

About Golledge

We are the UK's leading supplier of frequency control products and are proud to serve the global electronics industry. Our philosophy is a focus firmly on your requirements by striving to meet and exceed your needs. We do this by ensuring the utmost quality and consistency in our products and services. If you have any queries about the Golledge service or any of our products please get in touch, we'd love to hear from you.

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Our customer feedback is testament to our quality; "Never had such good service as this from anyone in 35 years of being in the industry, this is impressive and has really helped us out of a corner to keep the design flowing" Andy (Senior Design Engineer), "As always your support is state of the art" Nicoleta (Material Management), "Legendary work - as usual it has to be said" John (Operations).
To take advantage of our highly praised service get in touch with us today.