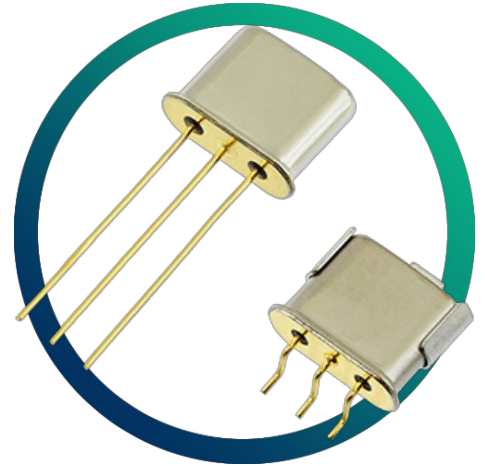# Golledge

GMCF-45 45G7A3

45MHz 2 pole crystal filter with
7.5kHz 3dB bandwidth

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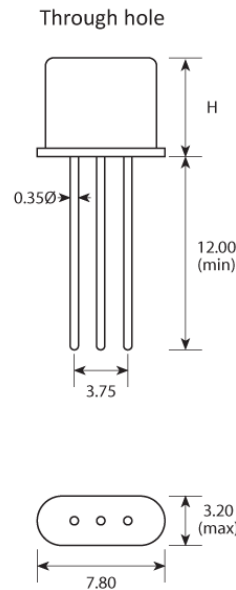- Comprehensive stocks

CONFIGURABLE OPTIONS

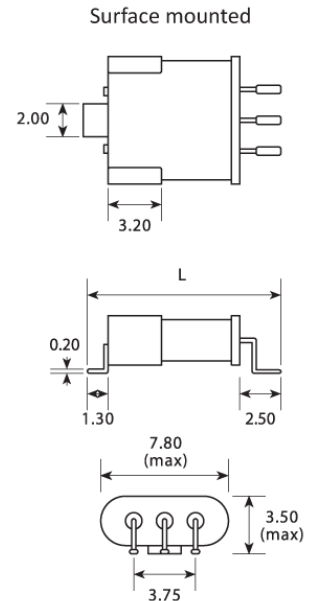| Parameter	Option Code
Package	
Any	
UM-1/3L (leaded)	
UM-5/3L (leaded)	
UM-1JN/3L (SMT)	
UM-5JN/3L (SMT)	

SPECIFICATIONS

Centre frequency	45.0MHz
Dimensions	Package options available - see Package Drawing
Operating temperature range	-20 to +70°C
Number of poles	2
Pass band	-3dB @ ±3.75kHz min
Attenuation band	-10dB @ ±12.5kHz max
In-band ripple	1.0dB max
Insertion loss	2.0dB max
Guaranteed attenuation	-35dB max ±910kHz
Termination	2500Ω // -0.5pF
Package style	UM-1/3L, UM-5/3L (through-hole) UM-1JN/3L, UM-5JN/3L (SMT)

PACKAGE DRAWING

Package Options

Through hole

Surface mounted

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 45G7A3 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.

HANDLING & STORAGE

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

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

Golledge Electronics Ltd
W: www.golledge.com | E: sales@golledge.com | T: +44 1460 256 100
ISO 9001:2015 & ISO 14001:2015 Certified

v1.0

CONSTRUCTION

Resistance weld

COMPLIANCE

Lead-free (< 0.1% by weight)

RoHS 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