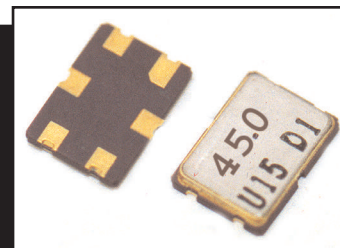


45MHz Fundamental

## CERAMIC SURFACE-MOUNT MONOLITHIC CRYSTAL FILTERS

# ASCF45U Series



### FEATURES:

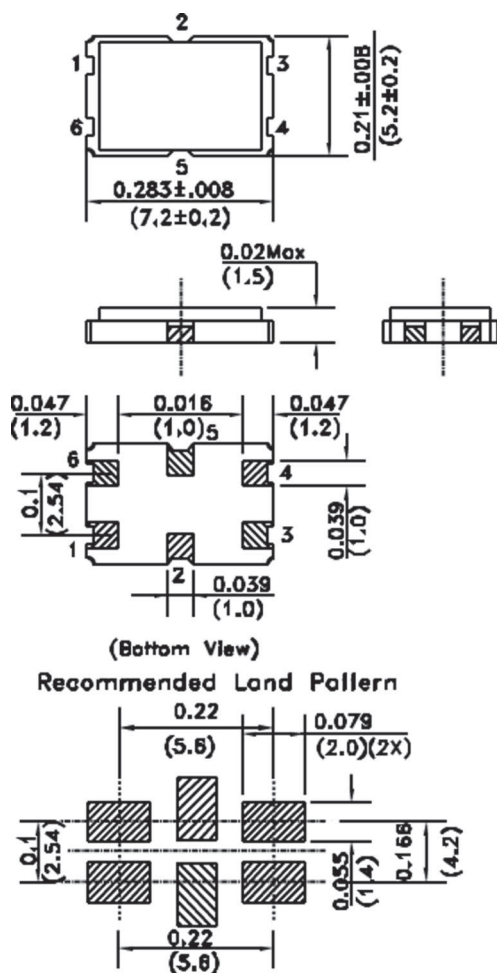
- Surface-Mount ceramic package.
- Excellent attenuation Bandwidth.
- Reflow capable.
- Low height (1.5mm max.).

### APPLICATIONS:

- Mobile Communication Systems.
- Cellular & Cordless Phones.
- Pagers.
- Radios.

### STANDARD SPECIFICATIONS

| ABRACON<br>PIN NO. | POLE | PASSBAND |             | STOPBAND |            | RIPPLE<br>dB | LOSS<br>dB | TERMINATING IMPEDANCE<br>( $\Omega$ // pF) |
|--------------------|------|----------|-------------|----------|------------|--------------|------------|--------------------------------------------|
|                    |      | dB       | kHz         | dB       | kHz        |              |            |                                            |
| ASCF45U8           | 2    | 3        | $\pm 3.75$  | 20       | $\pm 25.0$ | 1.0          | 2.5        | (650 // 3.5)                               |
| ASCF45U12          | 2    | 3        | $\pm 6.00$  | 15       | $\pm 20.0$ | 1.0          | 2.5        | (650 // 5.0)                               |
| ASCF45U15          | 2    | 3        | $\pm 7.50$  | 15       | $\pm 25.0$ | 1.0          | 2.5        | (650 // 3.5)                               |
| ASCF45U30          | 2    | 3        | $\pm 15.00$ | 15       | $\pm 60.0$ | 1.0          | 2.5        | (1200 // -3.0)                             |



Environmental and mechanical specifications, Group 2.

We Manufacture to your Custom Specifications. Please Call for Details

Operating Temperature: -20°C to + 70°C.

### PIN CONNECTIONS

| PIN | FUNCTION |
|-----|----------|
| 1   | IN       |
| 2   | GND      |
| 3   | GND      |
| 4   | OUT      |
| 5   | GND      |
| 6   | GND      |

Dimensions: Inches (mm)

ABRACON IS  
ISO 9001 / QS 9000  
CERTIFIED

NOTE: Left blank if standard • All specifications and markings subject to change without notice

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