

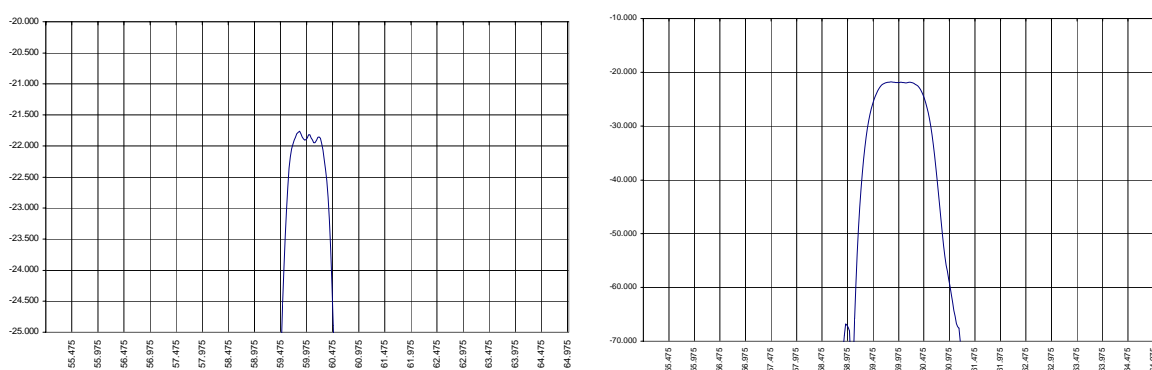


## SAW 60 MHz Filter Bandwidth 0.7 MHz

AEC Part Number AE1593AM-60

PRELIMINARY DATA

### Typical performance



### Specifications

| Parameter                                | Unit               | Min   | Typ       | Max   |
|--|--------------------|-------|-----------|-------|
| Central frequency                        | MHz                | 59.95 | 60.00     | 60.05 |
| Inserted loss (tuned)                    | dB                 | 21.0  | 21.8      | 22.5  |
| Bandwidth @-1dB                          | MHz                | 0.70  | 0.77      | 0.80  |
| Bandwidth @-3dB                          | MHz                | 0.90  | 0.97      | 1.00  |
| Bandwidth @-40dB                         | MHz                | -     | 1.97      | 2.0   |
| Amplitude ripple (100% @-1 dB bandwidth) | dB                 | -     | 0.3       | -     |
| Ultimate rejection                       | dB                 | 45.0  | 50.0      | -     |
| Substrate                                |                    | -     | ST Quartz | -     |
| Temperature range                        | $^{\circ}\text{C}$ | -55.0 |           | 85.0  |

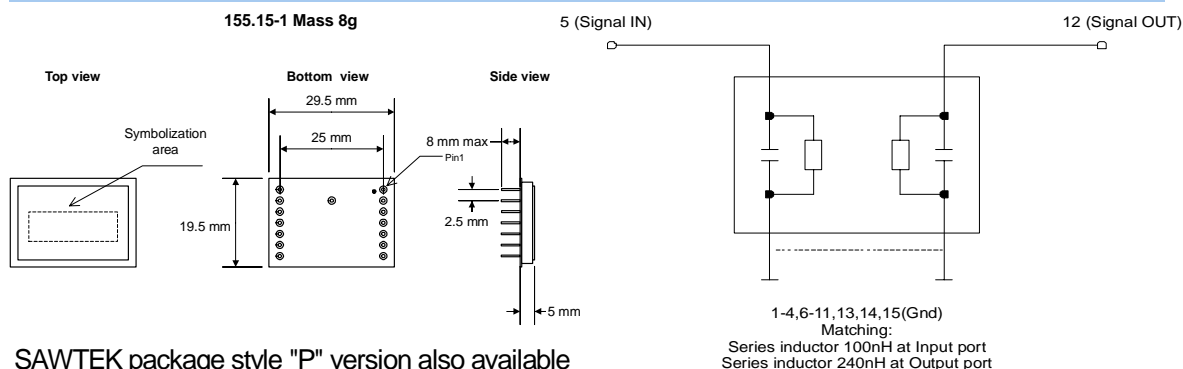
Ambient Temperature 22.5 deg Celsius

#### Notes:

1. The design, manufacturing process, and specifications of this filter are subject to change.
2. Specification valid for measurements in AEC test fixture

### Case

### Matching



SAWTEK package style "P" version also available