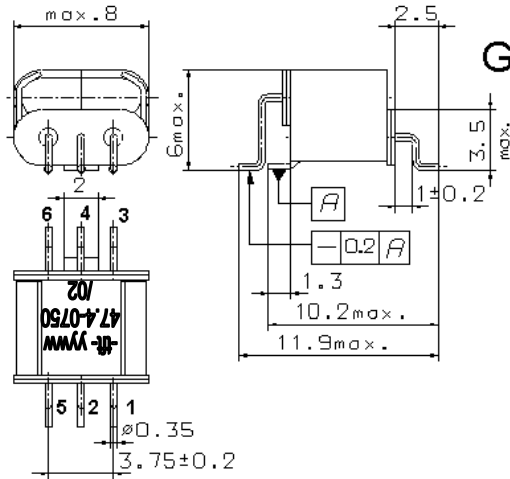
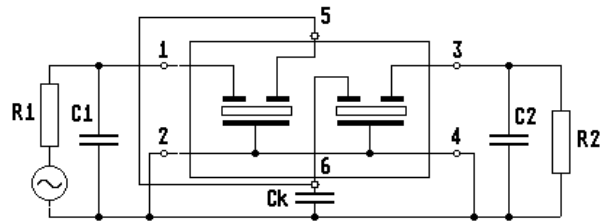


**1. General**

1.1. Package:



**GH12Sx2**



- |                                   |                  |
|-----------------------------------|------------------|
| 1.2. Type name:                   | MQF 47.4-0750/02 |
| 1.3. Number of poles:             | 4                |
| 1.4. Operating temperature range: | -20°C to +70°C   |
| 1.5. Storage temperature range:   | -45°C to +85°C   |

**2. Electric values**

- |                                   |          |
|-----------------------------------|----------|
| 2.1. Nominal centre frequency fo: | 47.4 MHz |
|-----------------------------------|----------|

**2.2. Pass band**

- |   |                          |
|---|--------------------------|
| 2.2.1. Bandwidth between 3 dB - frequencies:      | $> f_0 \pm 3.75$ kHz     |
| 2.2.2. Ripple:                                    | $f_0 \pm 3$ kHz < 1.5 dB |
| 2.2.3. Insertion loss:                            | < 6.0 dB                 |
| ( measured on smallest attenuation in pass band ) |                          |

**2.3. Stop band**

- |   |                             |
|---|-----------------------------|
| 2.3.1. $f_0 \pm 12.5$ kHz                       | > 20 dB                     |
| 2.3.2. $f_0 \pm 30.0$ kHz                       | > 50 dB                     |
| 2.3.3. Alternate attenuation: $f_0 \pm 910$ kHz | > 80 dB ( except spurious ) |

- |  |                        |
|--|------------------------|
| 2.4. Terminating impedance ( input and output ): | 670 $\Omega$ // 2.5 pF |
| 2.4.1. Coupling capacitance Ck                   | 8.2 pF                 |

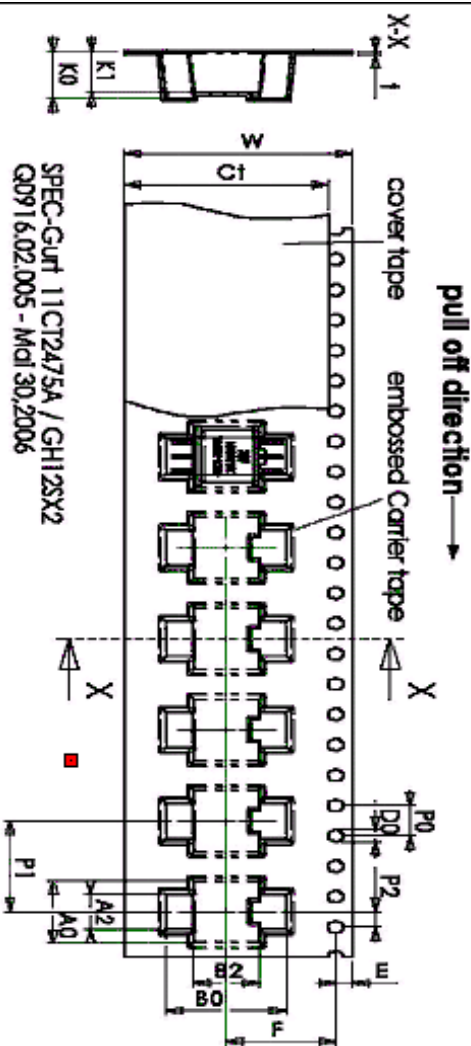
- |   |              |
|---|--------------|
| 2.5. Input power level ( working / non-damaged ): | -5 / +10 dBm |
|---|--------------|

- |             |   |
|-------------|---|
| 3. Marking: | manufacturer, date code<br>47.4-0750<br>/02 |
|-------------|---|

- |                            |   |
|----------------------------|---|
| 4. Environment conditions: | Corresponding to Vectron standard CF001 |
|----------------------------|---|

5. Taping:

Taping for package GH12Sx2  
800 pcs. / reel maximum



Tape ( all dimensions in mm )

W:	16.0 ± 0.1
Po:	4.0 ± 0.1
P1:	12.0 ± 0.1
P2:	2.0 ± 0.1
Do:	1.55 +0.1 / -0
E1:	1.75 ± 0.1
F:	11.5 ± 0.1
Ko:	6.5 ± 0.1
Ao:	8.2 ± 0.1
Bo:	12.7 ± 0.1

Reel ( all dimension in mm )

A:	∅ 330 max.
C:	∅ 13 ± 0.5
N:	∅ 20.2 min
W1:	27.0 ± 1.5
W2:	30.0 ± 1.5

