

Shoulder 好达

SHOULDER ELECTRONICS CO., LTD.

SAW Components Data Sheet

PRODUCT 产品: SAW FILTER

MODEL NO 型号: HDF280T SMD-3

PREPARED 编制:

CHECKED 审核:

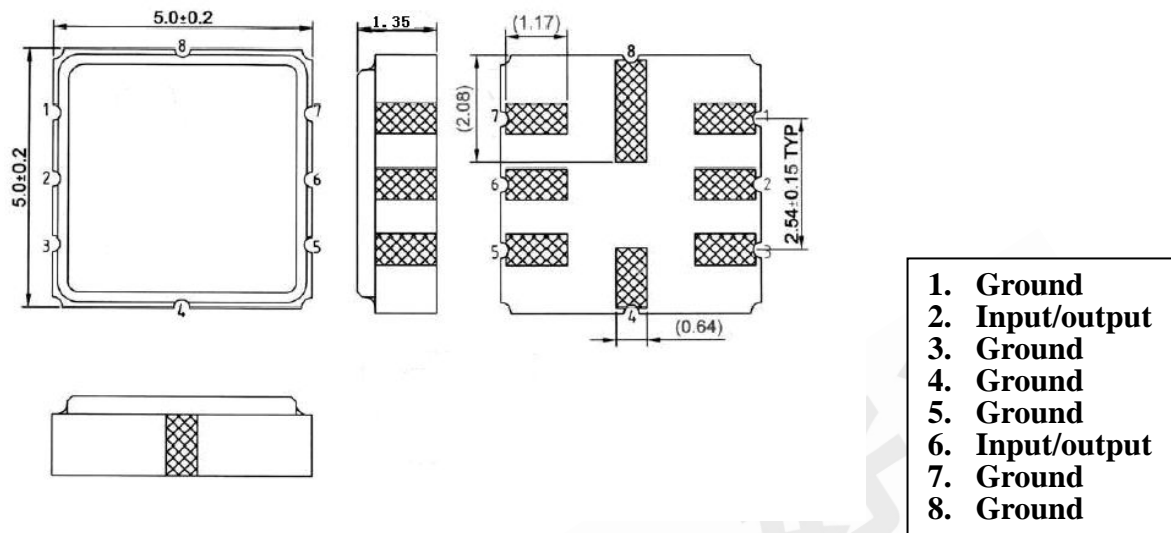
APPROVED 批准:

DATE 日期: 2007-01-25

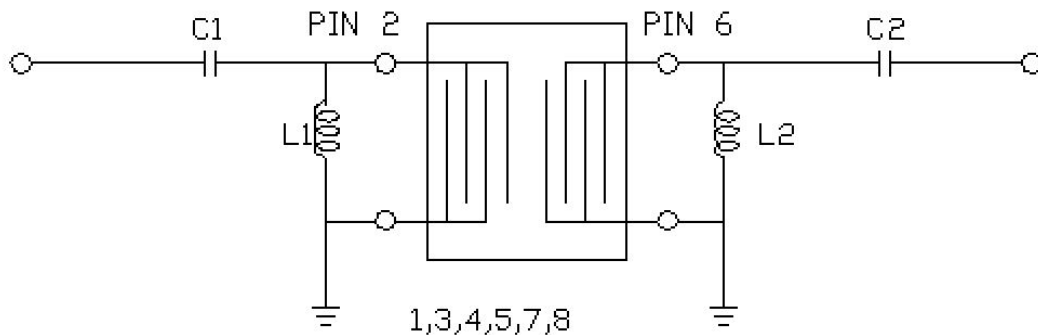
1.SCOPE

This specification shall cover the characteristics of SAW filter F280TS3 used for the WLAN

2. DIMENSION



3. TEST CIRCUIT



$$C1=C2=0pF, L1=L2=39nH$$

4. Electrical characteristics

| | | |
|---------------------------------|----------|---------------|
| Part Number | F280TS3 | Unit |
| Nominal center frequency(Fo) | 280 | MHz |
| Insertion (Fo) | 14.0max. | dB |
| 3dB Band width | 18min. | MHz |
| Spurious response | | |
| Fo-60~-40MHz | 40 min. | dB |
| Fo-40~-22MHz | 37 min. | |
| Fo-22~-16MHz | 30 min. | |
| Fo+16~+22MHz | 25 min. | |
| Fo+22~+40MHz | 34 min. | |
| Fo+40~+60MHz | 40 min. | |
| Ripple(within passband) | 2.0 min | dB |
| Input/Output impedance(Nominal) | 50//39 | Ω //nH |

5. Typical frequency response

