



## SMD CRYSTAL OSCILLATOR

7.0\*5.0 OSC

- . Very corthpact and thin(7.0\*5.0\*1.5mm MAX)
- . Frequency range of 1M~125M
- . Tri-State Enable/Disable, TTL/HCMDS Compatible, Networking and base station applications

| No. | Item                        | Symb.  | Electrical Specification |      |      |                | Remark     |
|-----|-----------------------------|--|--------------------------|------|------|----------------|------------|
|     |                             |  | Min.                     | Type | Max. | Units          |            |
| 1   | Nominal Frequency           | F0   | 1~125                    |      |      | MHz            |            |
| 2   | Frequency Stability         |  | ±25PPM/±50PPM/±100PPM    |      |      | All condition* |            |
| 3   | Operating Temperature Range | TOPR   | -20~70°C/-40+85°C        |      |      |                |            |
| 4   | Storage Temperature         | TSTG   | -55~125°C                |      |      |                |            |
| 5   | Power supply Voltage        | VDD  | 1.8V/2.8V/3.3V/5.0V      |      |      |                |            |
| 6   | Aging Per Year              | Fa   | ±2PPM                    |      |      | First Year     |            |
| 7   | Supply current              | Ic   | 40mA MAX                 |      |      |                |            |
| 8   | Output symmetry             | Sym  | 40%/60%                  |      |      |                |            |
| 9   | Rise time                   | Tr   | 6                        |      |      | ns             | 10%~90%VDD |
| 10  | Fall time                   | Tf   | 6                        |      |      | ns             | 90%~10%VDD |
| 11  | Output voltage              | V <sub>OH</sub>  | 90%                      |      |      | VDD            |            |
|     |                             | V <sub>OL</sub>  |                          |      | 10%  | VDD            |            |
| 12  | Output load HCMDS LOAD      |  | 15                       |      |      | PF             |            |
| 13  | Start up time               |  | 10                       |      |      | mS             |            |
| 14  | Pin 1, tri-state function   | pin 1=H or open.....output active at pin 3<br>pin 1=L.....highimpedance at pin 3 |                          |      |      |                |            |
| 15  | Package type                | SMD 5.0*7.0  |                          |      |      |                |            |



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## CRYSTAL OSC SMD 7.0\*5.0 4PAD DIMENSION

PACKAGE DIMENSIONS:Unit: mm

