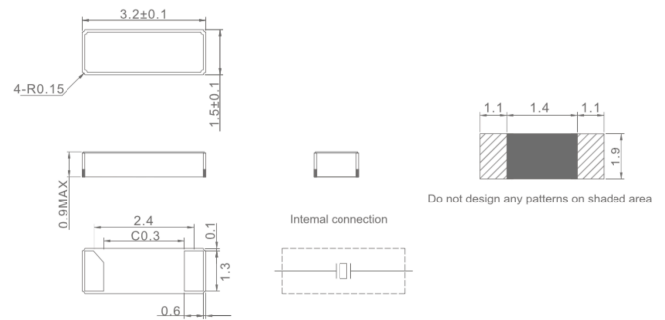


## SMD Crystal XY-Cut SMD3215



Dimension:



|                                       |   |
|---------------------------------------|---|
| Part Number:                          | 10-1301   |
| Description:                          | Q-SMD3215-C2-32.768 kHz-6-20-4085-LESR  |
| Manufacturer:                         | quarzwirk   |
| Series:                               | SMD3215-C2  |
| Type:                                 | QTS3  |
| Dimension (mm):                       | 3.2 x 1.5 x 0.90  |
| Frequency:                            | 32.768 kHz  |
| Mode:                                 | XY-Cut  |
| Load Capacity CL:                     | 6 pF  |
| Frequency Tolerance at +25°C:         | ±20 ppm   |
| Frequency Tolerance over Temperature: | $f \text{ (ppm)} = TC \cdot (25^\circ\text{C} - T)^2$<br>TC: -0,03 ppm/°C <sup>2</sup> typ.; -0,04 ppm/°C <sup>2</sup> max. |
| Operating Temperature:                | -40°C to +85°C  |
| Storage Temperature:                  | -55°C to +125°C   |
| Equivalent Series Resistance (ESR):   | 50 kΩ max.  |
| Motional Capacitance C1:              | 3.4 fF typ.   |
| Shunt Capacitance C0:                 | 1.1 pF typ.   |
| Aging:                                | First year ±3 ppm max.  |
| Package Unit:                         | 3000pcs/reel  |