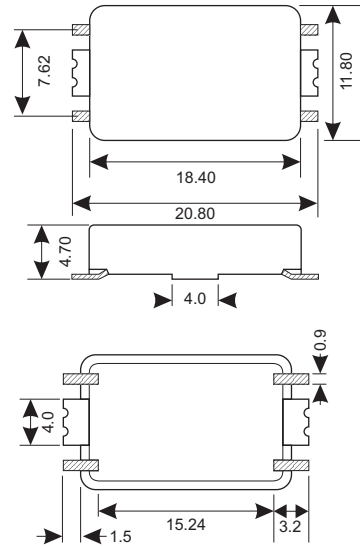




Specifications

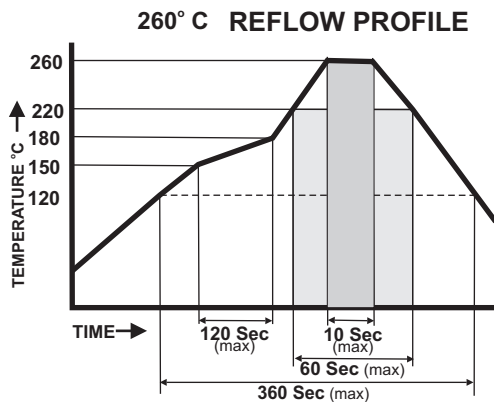
Package		TCS5R
Frequency Range (fo)		1.000~155.520MHz
Temp. Range	Operating (TOPR)	-40°C ~ +85°C
	Storage (TSTG)	0°C ~ +50°C (std.); -40°C ~ +85°C (opt.)
Supply Voltage		5.0VDC±5% (std.); 3.3VDC±5% (opt.)
Current (Iop)		3mA Max
Aging/Year (fa)		±1.0ppm/year Max
Load Drive Capability		15pF HCMOS / 2TTL Load Max
Frequency Deviation		±5ppm (min.) over Ctrl. Voltage
Symmetry/Duty		40/60 (std.)
Output	Voltage (VOL)	0.5VDC (HCMOS Max.); 0.4VDC (TTL max.)
	Voltage (VOH)	VDD-0.5 (HCMOS Min.); 2.4VDC (TTL min.)
Rise (TR) & Fall (TF) Time		10nS Max

Dimensions (mm)



Connections

Pin 1	NC
Pin 2	Case GND
Pin 3	Output
Pin 4	VCC



Standard Options

Stability

T1	±5.0ppm
T2	±2.0ppm
T3	±1.0ppm
TC	Cust. Stability

Temp Range

R1	0°C ~ +50°C
R2	-10°C ~ +60°C
R3	-10°C ~ +70°C
R4	-20°C ~ +70°C
R5	-30°C ~ +80°C
R6	-40°C ~ +85°C
R7	-5°C ~ +55°C
RC	Custom Temp.

Voltage

B1	3.3 Volt
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TCS5R - XXX.XXX M - TX RX BX

PACKAGE FREQUENCY BAND FREQ. STAB TEMP. RANGE TEMP RANGE SUPPLY VOLTAGE