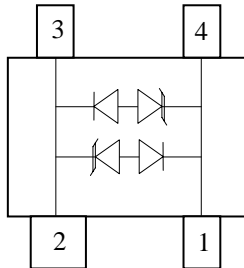


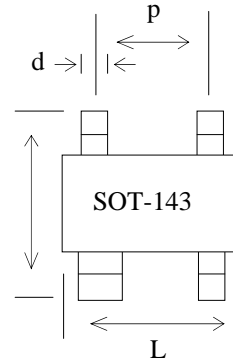
## CLC Series -G (RoHS Device)

### Schematics:



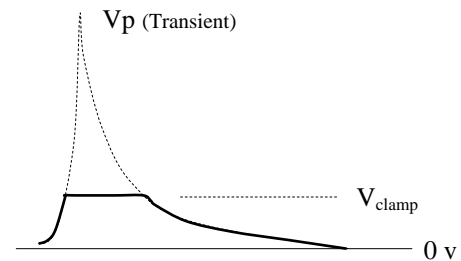
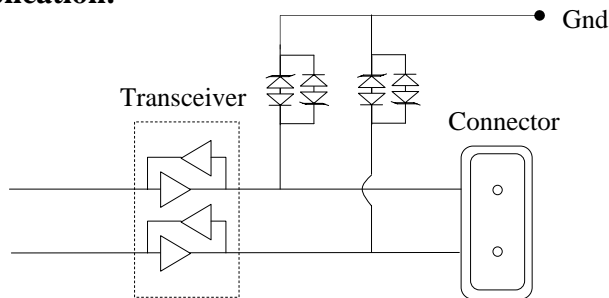
Dimensions in ( mm ):

### Package:



Package Code	Total Power	Number of Pins	L ± 0.2	W ± 0.2	p ± 0.1	e ± 0.1	Pkg. Height ± 0.2	d ± 0.1	c (ref.)
S14	225 mw	4	2.92	2.30	1.91	--	0.95	0.43	.038

### Application:



### Specifications: ( Ta = 25°C )

#### 5V0 Characteristic

Symbol	Characteristic	Min	Typ	Max	Units	Test Condition
$V_{BD}$	Diode breakdown voltage	6.0	-	11	V	$I_F = 1 \text{ ma}$
$I_L$	Leakage current		+0.1	+ 2.0	uA	5v
$C_T$	Capacitance		5		pF	@ 1Mhz
$V_{ESD}$	Channel clamp voltage			± 13	V	16kV event
$V_{PV}$	Peak ESD voltage capability			16	kV	IEC 61000-4-2
$I_{pp}^*$	Peak Pulse Current			5.1	A	8 / 20 us
$T_o$	Operating Temp. Range	-55		+155	°C	

\* one diode conducting

### Ordering Information:

<b>CLC</b>	<b>S14</b>	<b>5V0</b>	<b>-G</b>
Type	Package Code	Voltage	RoHS Compliance
CLC	S14 – SOT143	5V0	-G

- 3,000 units per reel