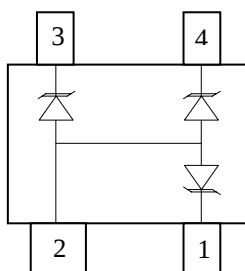


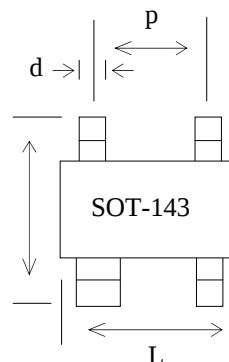
CLP Series -G (RoHS Device)

Schematics:



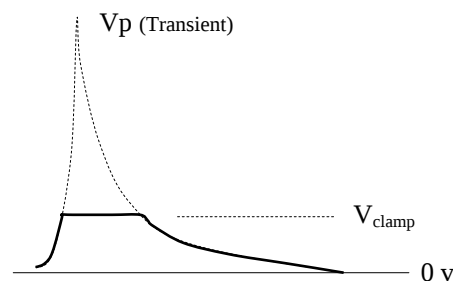
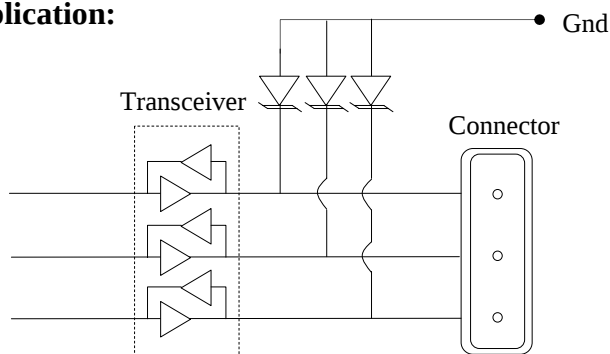
Dimensions in (mm):

Package:



Package Code	Total Power	Number of Pins	$L \pm 0.2$	$W \pm 0.2$	$p \pm 0.1$	$e \pm 0.1$	Pkg. Height ± 0.2	$d \pm 0.1$	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	5.1	7.0		V	$I_F = 1 \text{ ma}$
I_L	Leakage current		+0.1	+ 2.0	uA	5v
C_T	Capacitance		15	20	pF	@ 1Mhz
V_{ESD}	Channel clamp voltage			+ 7.0	V	8kV 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	$^{\circ}\text{C}$	

* one diode conducting

Ordering Information:

CLP	S14	5V0	-G
Type	Package Code	Voltage	RoHS Compliance
CLP	S14 – SOT143	5V0	-G

* 3,000 units per reel