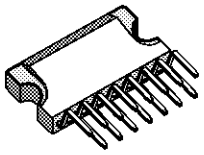
SGS-THOMSON MICROELECTRONICS

TEA5101W

RGB HIGH VOLTAGE VIDEO AMPLIFIER

ADVANCE DATA

- BANDWIDTH : 10MHz TYPICAL
- RISE AND FALL TIME : 50ns TYPICAL
- CRT CATHODES CURRENT OUTPUTS FOR PARALLEL OR SEQUENTIAL CUT-OFF OR DRIVE ADJUSTMENT
- FLASHOVER PROTECTION
- POWER DISSIPATION : 3.5W
- ESD PROTECTED
- $R_{th\ (j-c)}$ = 4°C/W AND $R_{th\ (j-a)}$ = 65°C/W



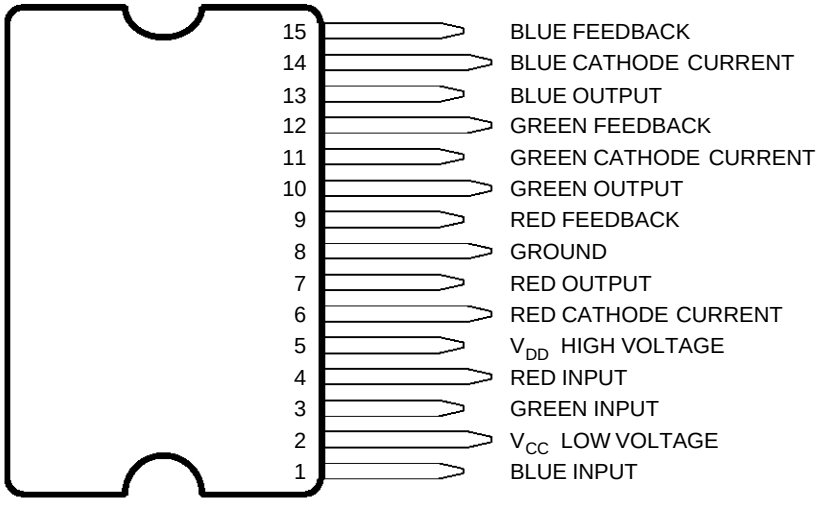
CLIPWATT15
(Plastic Package)

ORDER CODE : TEA5101W

DESCRIPTION

The TEA5101W includes three video amplifiers desi-gned with a high voltage DMOS/bipolar technology. It drives directly the three CRT cathodes. The device is protected against flashovers. Due to its three cathode current outputs, the TEA5101W can be used with both parallel and sequential sampling applications.

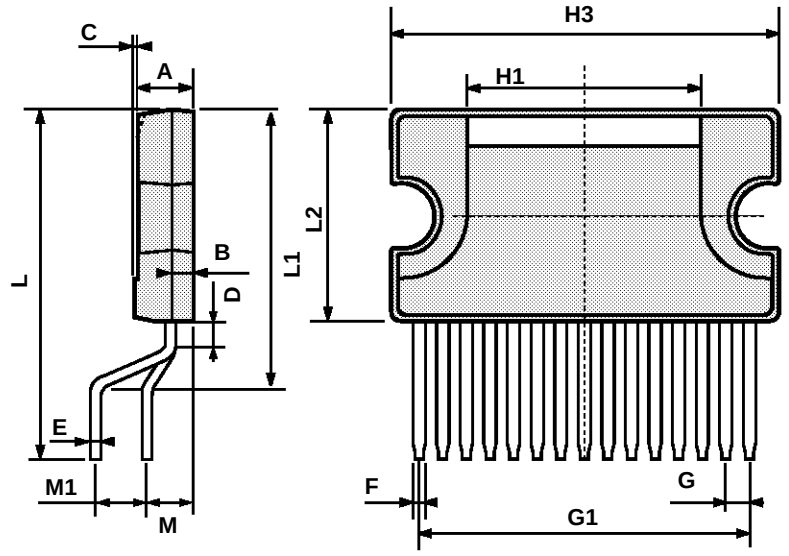
PIN CONNECTIONS



5101W-01.EPS

PACKAGE MECHANICAL DATA

15 PINS - PLASTIC CLIPWATT



PM-CPW15.EPS

Dimensions	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A			3.10			0.122
B			1.10			0.04
C		0.15			0.006	
D		1.50			0.059	
E		0.52			0.02	
F		0.70			0.027	
G		1.3			0.051	
G1		17.78			0.70	
H1		12.00			0.48	
H3		20.00			0.79	
L		17.90			0.70	
L1		14.40			0.57	
L2		11.00			0.43	
M		2.54			0.1	
M1		2.54			0.1	

CPW15.TBL