

GP1FC300TP

Fiber Optic Transmitter

Low voltage Operation Optical Mini-jack for Digital Audio

■ Features

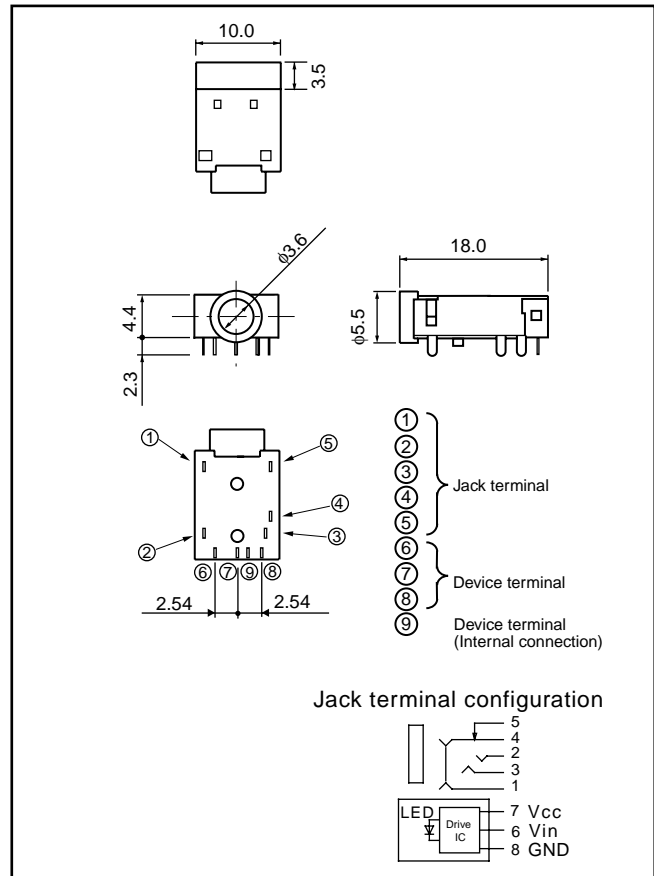
- (1) Compact (adoption of compact jack for mini plug) JIS C 6560
- (2) Optical digital signal and electric analog signal can be discriminated and transmitted.
- (3) High speed data transmission
Signal transmission speed: MAX. 8Mbps (NRZ signal)
- (4) Low voltage operation
Operating Voltage: 2.7 to 3.6V

■ Applications

- (1) MD players
- (2) Portable CD players

■ Outline Dimensions

(Unit: mm)



■ Specifications

(Ta=25°C)

Parameter	Symbol	Ratings
Operating voltage	Vcc	2.7 to 3.6 V
Dissipation current	Icc	MAX. 12 mA
Peak emission wavelength	λ_p	TYP. 660 nm
Output optical power couple into fiber	Pc	MIN. -21 dBm
Operation transfer rate	T	MAX. 8 Mbps
Jitter	Δt_j	TYP. 1 ns
Operating temperature	Topr	-20 to +70 °C

As of September, 2001

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