

HIGH ISOLATION VOLTAGE SINGLE TRANSISTOR TYPE MULTI PHOTOCOUPLER SERIES

–NEPOC Series–

DESCRIPTION

The PS2561-1 is optically coupled isolators containing a GaAs light emitting diode and an NPN silicon phototransistor.

The PS2561-1 is in a plastic DIP (Dual In-line Package) and the PS2561L-1 is lead bending type (Gull-wing) for surface mount.

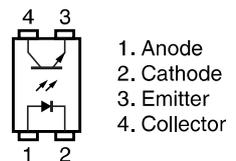
The PS2561L1-1 is lead bending type for long creepage distance.

The PS2561L2-1 is lead bending type for long creepage distance (Gull-wing) for surface mount.

FEATURES

- High Isolation voltage (BV = 5 000 Vr.m.s.)
- High collector to emitter voltage ($V_{CEO} = 80\text{ V}$)
- High current transfer ratio (CTR = 200% TYP.)
- High-speed switching ($t_r = 3\ \mu\text{s}$ TYP., $t_f = 5\ \mu\text{s}$ TYP.)
- Ordering number of taping product: PS2561L-1-E3, E4, F3, F4, PS2561L2-1-E3, E4
- Safety standards
 - UL approved: No. E72422
 - CSA approved: No. CA 101391
 - BSI approved: No. 7112/7420
 - SEMKO approved: No. 303059, 307244
 - NEMKO approved: No. P03200272, P03200747
 - DEMKO approved: No. 312341, 312340
 - FIMKO approved: No. FI 10620, FI 11898
- <R> • DIN EN60747-5-2 (VDE0884 Part2) approved: No. 40008862 (Option)

PIN CONNECTION (Top View)



APPLICATIONS

- Power supply
- Telephone/FAX.
- FA/OA equipment
- Programmable logic controller

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