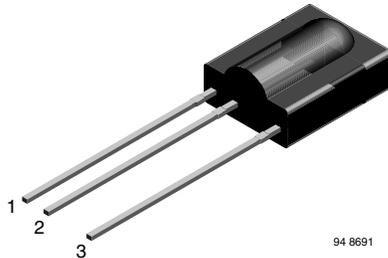




IR Receiver Modules for Remote Control Systems

Vishay offers stock Cast IR Receivers in three different packages:

- Loose packed in tubes and mounted on tape for reel or ammopack
- Vishay IR receiver with plastic holders are packed in plastic tubes



FEATURES

- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912



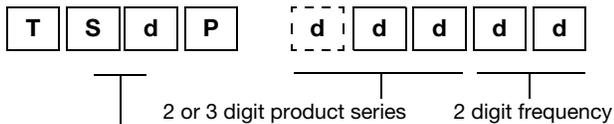
RoHS
COMPLIANT
HALOGEN
FREE
GREEN
(5-2008)

AVAILABLE FOR

- TSOP11...
- TSOP31...
- TSOP91...
- TSMP1138

LOOSE PACKED IN TUBE

ORDERING INFORMATION



O = for IR receiver applications
M = for repeater / learning applications

Note

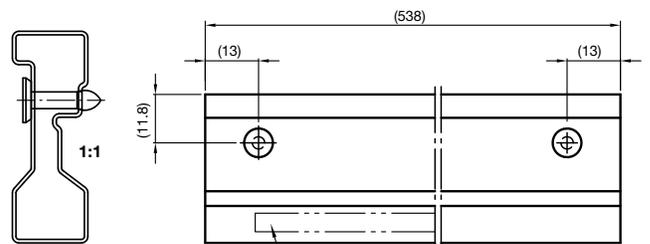
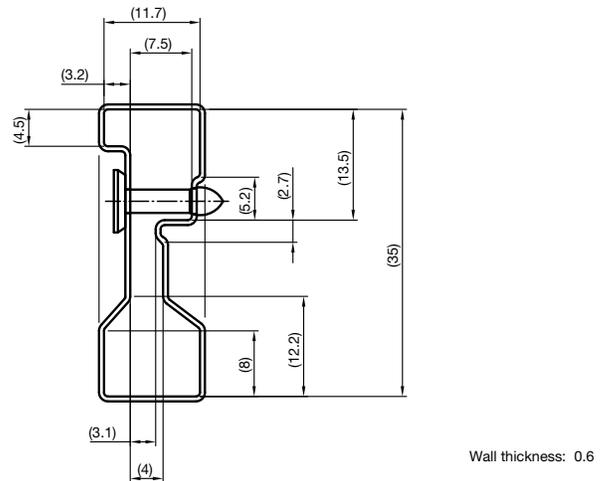
- d = "digit", please consult the list of available devices create a valid part number.

EXAMPLE: TSOP1238

PACKAGING QUANTITY

- 50 pieces per tube
- 20 tubes per carton

PACKAGING DIMENSIONS in millimeters



Drawing-No.: 9.700-5377.0-4
Rev. 1; Date: 26.04.2011

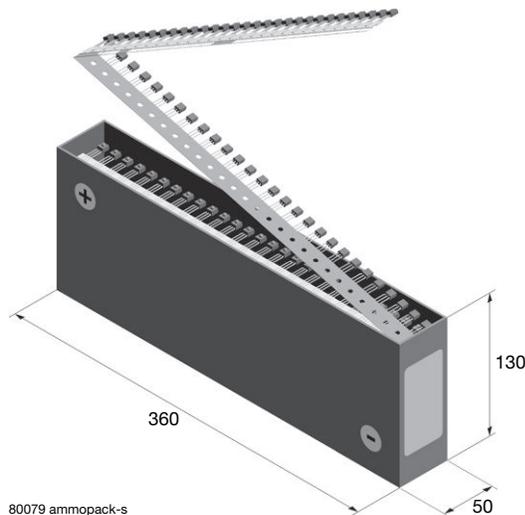
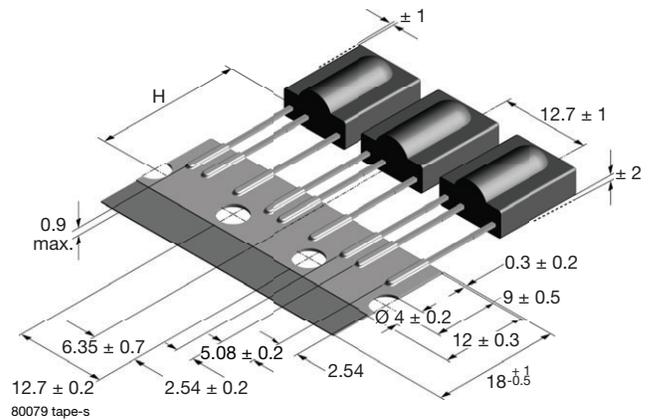
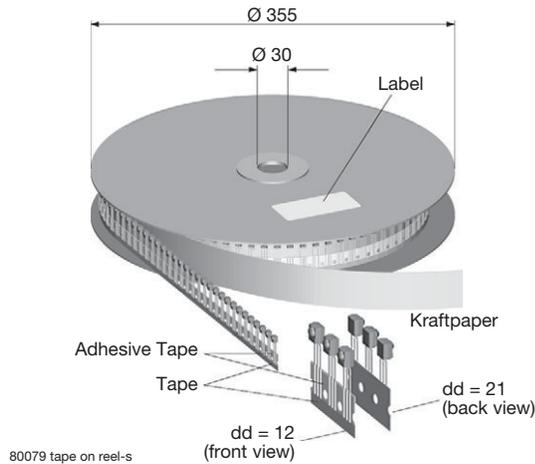
Printing for tubes
1.400-5548.0-3 version 1

TAPE AND REEL / AMMOPACK

Up to 3 consecutive components may be missing if the gap is followed by at least 6 components. A maximum of 0.5 % of the components per reel quantity may be missing. At least 5 empty positions are present at the start and the end of the tape to enable insertion.

Tensile strength of the tape: > 15 N

Pulling force in the plane of the tape, at right angles to the reel: > 5 N



VERSION	DIMENSION "H"
BS	20 ± 0.5
PS	23.3 ± 0.5
OS	26 ± 0.5

ORDERING INFORMATION

T S d P

O = for IR receiver applications
M = for repeater / learning applications

d d d d d

2 or 3 digit product series
2 digit frequency

S S 1

SS1 for T and R, bulk or ammpack

d d d d

dd = Tape and reel
dd = 12 or 21 or OS

Z

Ampack

Note

- d = "digit", please consult the list of available devices create a valid part number.

EXAMPLE: TSOP1238SS1BS12

TSOP1238SS1BS12Z

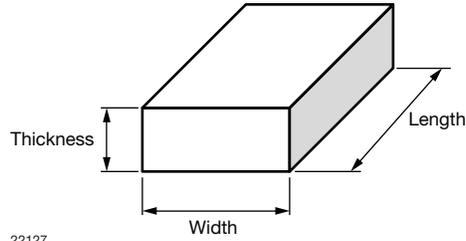
PACKAGING QUANTITY

- 1000 pieces per reel
- 1000 pieces per ammpack



OUTER PACKAGING

CARTON BOX DIMENSIONS in millimeters



KINDS OF CARTON BOX	THICKNESS	WIDTH	LENGTH
Packaging Plastic Tubes (Normal/auxiliary devices)	82	152	564
Tape and Reel Box (Taping in reels)	400	310	410
Ammo-Box (Zigzag taping)	50	130	350