

IR Receiver Modules for Remote Control Systems

AVAILABLE FOR:

- TSOP34...
- TSOP4...
- TSOP32...
- TSOP2...
- TSOP35..
- TSOP36..
- TSOP6...

FEATURES

- Enhanced suppression of disturbance signals by special filtering
- Compliant to RoHS Directive 2002/95/EC and in accordance to WEEE 2002/96/EC


RoHS
COMPLIANT

GREEN
(5-2008)**

DESCRIPTION

The “F” option provides an enhanced narrow band optical filtering function for improved suppression of unwanted optical disturbance signals. This filter option is available for all Vishay molded IR receivers listed below. Only the spectral sensitivity vs. wavelength specification on the corresponding datasheets changes. The new function is shown below:

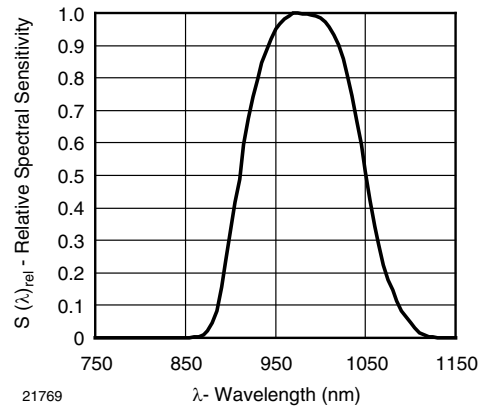
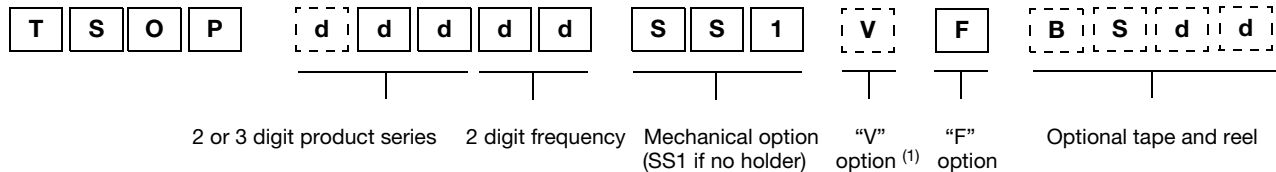


Fig. 1 - Relative Spectral Sensitivity vs. Wavelength

ORDERING INFORMATION

Note

d = “digit”, please consult the list of available series to create a valid part number.

⁽¹⁾ As second option possible; see V option datasheet.

- Example:**
- TSOP4838SS1F - F version, straight leads in tubes
 - TSOP4838YA1F - F version with YA1 holder
 - TSOP2238SS1FBS12 - F version with tape and reel
 - TSOP35238FTT - F version, SMD top view taped
 - TSOP6236FTR - F version, SMD side view taped
 - TSOP32338SS1VF - V and F version molded package
 - TSOP35338VFTT - V and F version SMD package

** Please see document “Vishay Material Category Policy”: www.vishay.com/doc?99902