

Narrow Band Optical Filter

AVAILABLE FOR PACKAGES

- Mold
- MiniMold
- Panhead
- Heimdall

FEATURES

- Enhanced suppression of disturbance signals by special filtering
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912



RoHS
COMPLIANT
HALOGEN
FREE
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 typical spectral sensitivity vs. wavelength specification on the corresponding datasheets changes. The new function is shown below:

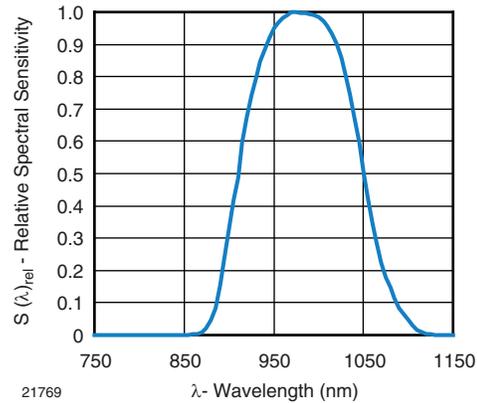
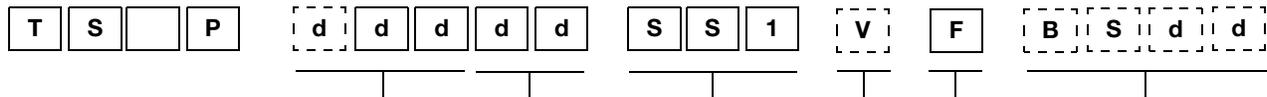


Fig. 1 - Relative Spectral Sensitivity vs. Wavelength

ORDERING INFORMATION



2 or 3 digit product series
2 digit frequency
Mechanical option (SS1 if no holder)
“V” option ⁽¹⁾
“F” option
Optional tape and reel

Notes

- 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
- TSOP6236FTR - F version, SMD side view taped
- TSOP32338SS1VF - V and F version molded package
- TSOP75438FTR - F version, Heimdall package side view taped
- TSOP53338SS1F - F version, straight leads minimold packed in bulk
- TSMP94100SS1F - F version, straight leads in tubes