

Narrow Band Optical Filter

AVAILABLE FOR PACKAGES

-  Mold (TSOPx4xxx, TSOP4xxx, TSOPx2xxx, TSOP2xxx)
-  MiniMold (TSOPx3xxx)
-  Heimdall (TSOPx5xxx, TSOP75xxx, TSOP77xxx)
-  Panhead (TSOPx6xxx, TSOP6xxx)

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:

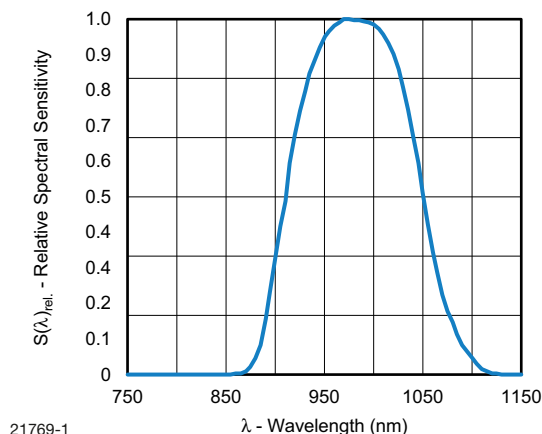


Fig. 1 - Relative Spectral Sensitivity vs. Wavelength

ORDERING INFORMATION

T	S		P	d	d	d	d	d	S	S	1	V	F	B	S	d	d
				Product series (2 or 3 digits)			Frequency (2 digits)		Mechanical option (SS1 if no holder)			“V” option ⁽¹⁾	“F” option	Optional tape and reel option			

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
TSOP3238SS1VF - V and F version molded package
TSOP75438FTR - F version, Heimdall package side view taped
TSOP5338SS1F - F version, straight leads minimold packed in bulk
TSMP94100SS1F - F version, straight leads in tubes