



TSxPxxxxE SERIES IR Receivers

EXTENDED STORAGE TEMPERATURE RANGE



Storage temperature range
of -40 °C to +110 °C

Operating temperature range
of -30 °C to +85 °C



Low profile package

HALOGEN
FREE

RoHS
COMPLIANT

COMPETITIVE ADVANTAGE

- Huge temperature range
- High sensitivity and long range

For more information about
option E please see:

www.vishay.com/doc?82738



Heimdall

Belobog

All AGC variants are available
(36 kHz to 56 kHz)

APPLICATIONS

Ideal for harsh outdoor environments:



BINS



GARAGE DOOR
LIGHT BARRIERS



DOOR
LOCKERS



Low current consumption

Excellent noise suppression



Very fast response time

Tape and reel packaging



PRIMARY CHARACTERISTICS

	Heimdall	Belobog
Dimensions (width, height, depth in mm)	6.8 x 2.6 x 5.3	3.95 x 3.95 x 0.8
Typical Supply Current (mA)	0.35	0.35
Typical Minimum Irradiance (mW/m ²)	0.08	0.12
MSL	4	3