



TSOP33x, TSOP53x SERIES

OUT-PERFORMS FULL LENS PACKAGES

IN A NUTSHELL

Supports IR reflow soldering



2 holder
3 bend

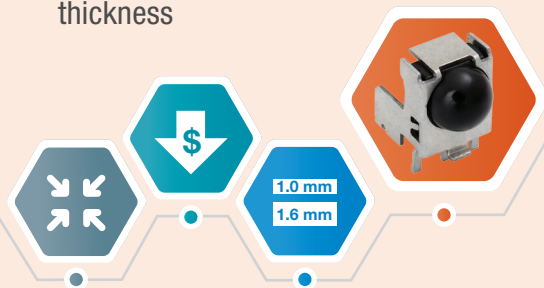
Available in two holder and three bend options, including a top-view surface-mount version

HALOGEN
FREE

RoHS
COMPLIANT

COMPETITIVE ADVANTAGE

- Smaller outline and lower cost than full lens packages
- Robust RF with enhanced optical filter against out of band optical noise
- **Pin in paste capable**
TSOP53xxxP10P or P16P side-view holder for 1.0 mm to 1.6 mm PCB thickness



45° Superior angular performance
with off-angles up to 45°

Low current consumption



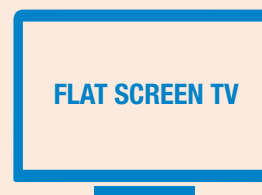
Narrow optical filter option available

Pin to pin compatible with market standard



- All AGC variants are available (36 kHz to 56 kHz)
- TSSP530xx series for mid range sensor applications available
- Several mechanical variants available (holder, bends, and cuts)

APPLICATIONS



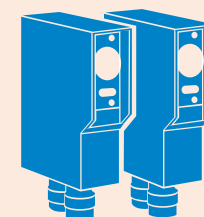
FLAT SCREEN TV



SET-TOP BOXES



STREAMING
MEDIA PLAYERS



LIGHT BARRIERS

Key Specifications	TSOP33xxx	TSOP53xxx
Typical irradiance at 0° (mW/m ²)	0.08	0.12
Supply voltage (V)	2.5 to 5.5	
Typical supply current (mA)	0.35	0.7
Transmission range (m)	45	
Carrier frequencies (kHz)	30 to 56	