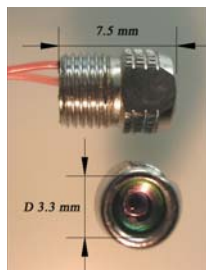
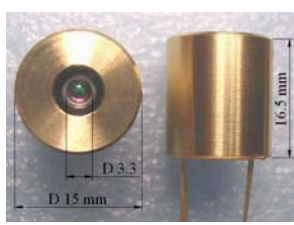
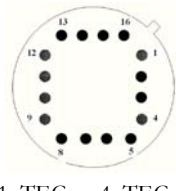


Optically Immersed 3.4 μm LED in heat-sink optimized housing				LED34Sc	
Peak wavelength	λ_{max}	μm	3.4±0.05		
Pulsed power at I=1 A	P_{pulsed}	μW	500±100		
CW power at I=200 mA	P_{CW}	μW	200±40		
Switching time	τ	ns	≤20		

Code	Thread	Emission size, mm	Lens material	Far-field pattern FWHM, deg.	Optical axis deviation, deg	Operation (storage) conditions, °C
LED34Sc	M5×0.5	Ø 3.3	Si	≤20	≤7	-25÷+60 (+80)
LED34TO8TEC			Si lens and quartz window			

Product view	LED34Sc	LED34TO8TEC	
			

1 TEC -; 4 TEC +
8 LED +; 13 LED -
10, 11 thermosensor

- ✓ All devices are stressed at 80°C (I=0) and I=200 mA (CW, 20°C) for 10 hrs before final test and shipping to a customer.
- ✓ Beam divergence of the LEDs is small and thus we recommend adjusting LED position regarding to the detector system before final evaluation/use of the devices.
- ✓ All data are valid for room temperature (22°C) and LED attached to a heatsink. Heatsink is important for normal LED operation especially in the CW mode.
- ✓ Polarity: short wire is negative or white point on house is positive

