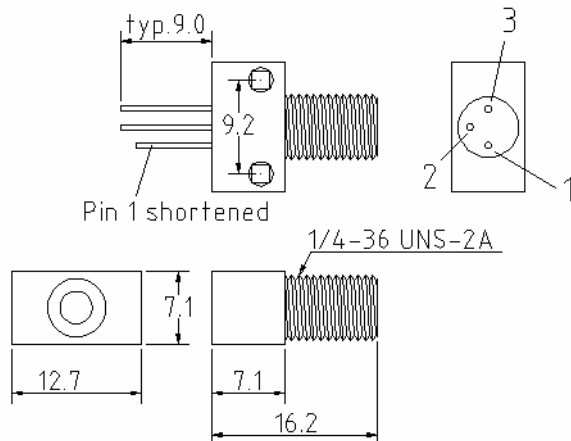


UN 4621

Description:

FSMA Receptacle, made of black plastic, mounted with a 850nm standard LED for fiber optic applications with 50/125µm or 62,5/125µm graded index fiber up to 2 km distance.

Dimensions:



Pinout:

1 = Anode, pin shortened
2 = Cathode
3 = n.c. (Chip-carrier)

Supplied equipment:

- Component
- Dust cap
- fixing screws

Technical Data

Forward current	50 mA typ.
Peak current	100 mA (heat sinked)
Power dissipation	85 mW typ., 200 mW max.
Forward voltage	1,8 V (typ.) - 2,0 V at $I_F = 100 \text{ mA}$
Reverse voltage	1,0 V at $I_F = 10 \text{ mA}$
Reverse current	10 µA at $V_R = 5 \text{ V}$
Cut-off frequency	85 MHz
Rise time	6 ns typ. at 25 °C, 10-90%
Fall time	6 ns typ. at 25 °C, 90-10%
Wavelength	850 nm typ.
Spectral bandwidth	35 nm typ.
Fiber coupled power	10 µW (-20,0 dBm) min. at $I_F = 50 \text{ mA}$ *
Derating	-0,02 dB/°C typ.
Material Barrel	PBT, black
Marking	UN 4621
Operating temperature	-20 to +65 °C
Storage temperature	-30 to +95 °C

* 50/125µm GI-Fiber, 25 °C