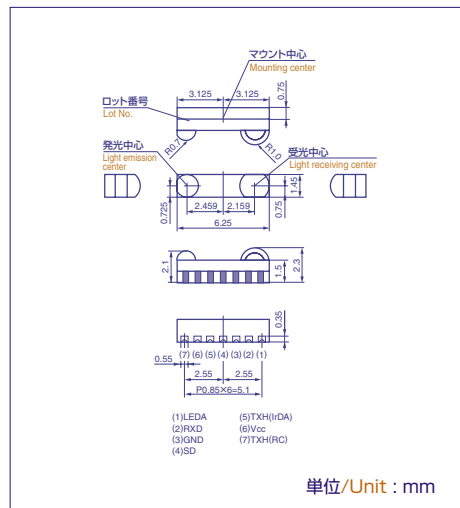


CIM-150F7RV **NEW**



●外形寸法図/Outline drawing



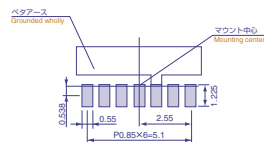
●電氣的光学的特性/Electro-optical characteristics

(Ta 25°C)

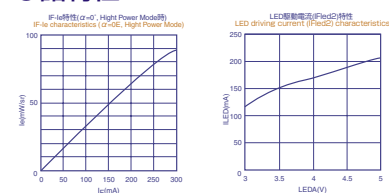
Item	Symbol	Conditions	Min	Typ	Max	Unit
トランシーバー Transceiver	電源電圧 Power supply voltage	V_{CC}	-	2.4	-	3.6 V
	LEDA入力電圧 LEDA input voltage	V_{LEDA}	-	2.4	-	6.0 V
	通信レート Communications rate	-	-	0.0096	-	4.0 Mbps
	消費電流 Current drawn	I_{CC}	MIR/FIR時/At MIR/FIR SIR時/At SIR	-	1.0 450	- mA μA
	Power Down電流 Power-down current	I_{ccsd}	SD= V_{CC}	-	0.01	1 μA
発光部 Light emitting portion	放射強度 Emission strength	I_e	$I_f \div 150mA$	10	-	300 mW/sr
	ピーク発光波長 Peak emission wavelength	λ_p	-	875	888	900 nm
受光部 Light sensing portion	最小受光感度 Minimum receiving sensitivity	E_{emin}	SIR時/At SIR	-	-	8.1 μW/cm ²
			MIR時/At MIR	-	-	20.0 μW/cm ²
			FIR時/At FIR	-	-	20.0 μW/cm ²
	最大受光感度 Maximum receiving sensitivity	E_{emax}	$\alpha=0^\circ$	500	-	- mW/cm ²
	レイテンシー Latency	T_L	-	-	-	100 μs

推奨はんだ付けパターン

The following soldering patterns are recommended for reflow-soldering:



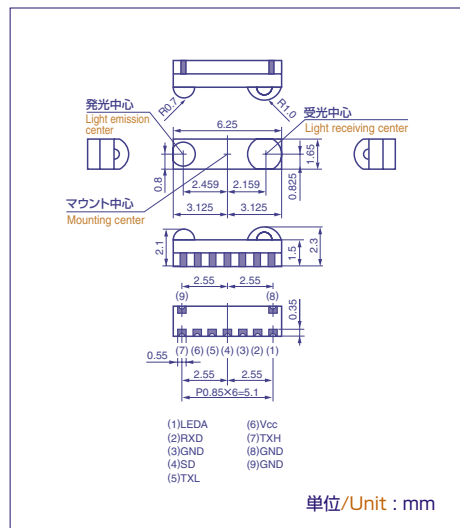
●諸特性/Characteristics



CIM-155F7RV2 **NEW**



●外形寸法図/Outline drawing



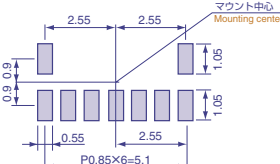
●電氣的光学的特性/Electro-optical characteristics

(Ta 25°C)

Item	Symbol	Conditions	Min	Typ	Max	Unit
トランシーバー Transceiver	電源電圧 Power supply voltage	V_{CC}	-	2.4	-	3.6 V
	LEDA入力電圧 LEDA input voltage	V_{LEDA}	-	2.4	-	6.0 V
	通信レート Communications rate	-	-	0.0096	-	4.0 Mbps
	消費電流 Current drawn	I_{CC}	MIR/FIR時/At MIR/FIR SIR時/At SIR	-	1.0 450	- mA μA
	Power Down電流 Power-down current	I_{ccsd}	SD= V_{CC}	-	0.01	1 μA
発光部 Light emitting portion	放射強度 Emission strength	I_e	$I_f \div 150mA$	10	-	300 mW/sr
	ピーク発光波長 Peak emission wavelength	λ_p	-	875	888	900 nm
受光部 Light sensing portion	最小受光感度 Minimum receiving sensitivity	E_{emin}	SIR時/At SIR	-	-	8.1 μW/cm ²
			MIR時/At MIR	-	-	20.0 μW/cm ²
			FIR時/At FIR	-	-	20.0 μW/cm ²
	最大受光感度 Maximum receiving sensitivity	E_{emax}	$\alpha=0^\circ$	500	-	- mW/cm ²
	レイテンシー Latency	T_L	-	-	-	100 μs

推奨はんだ付けパターン

The following soldering patterns are recommended for reflow-soldering:



●諸特性/Characteristics

