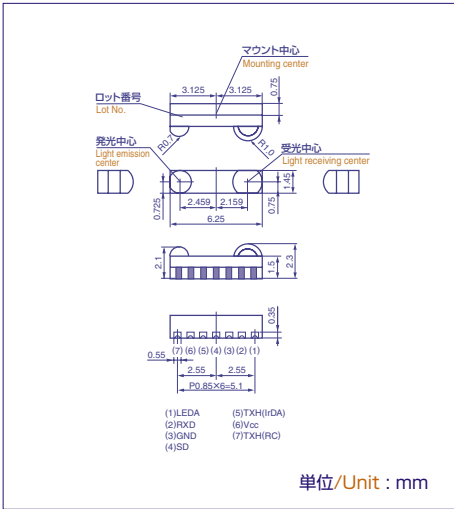


# CIM-150F7RV **NEW**



## ●外形寸法図/Outline drawing



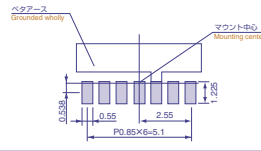
## ●電氣的光学的特性/Electro-optical characteristics

(Ta 25°C)

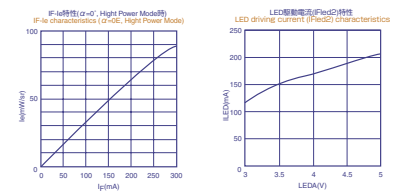
Item	Symbol	Conditions	Min	Typ	Max	Unit	
トランシーバー Transceiver	電源電圧 Power supply voltage	$V_{CC}$	-	2.4	-	3.6	V
	LEDA入力電圧 LEDA input voltage	$V_{LEDA}$	-	2.4	-	6.0	V
	通信レート Communications rate	-	-	0.0096	-	4.0	Mbps
	消費電流 Current drawn	$I_{CC}$	MIR/FIR時/At MIR/FIR SIR時/At SIR	-	1.0	-	mA $\mu$ A
	Power Down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

### 推奨はんだ付けパターン

The following soldering patterns are recommended for reflow-soldering:



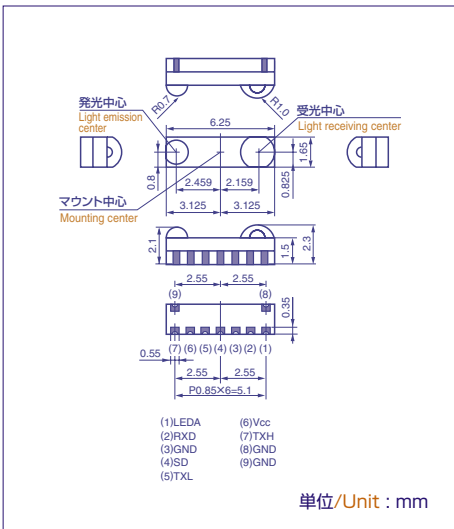
## ●諸特性/Characteristics



# CIM-155F7RV2 **NEW**



## ●外形寸法図/Outline drawing



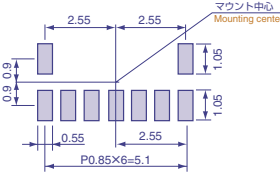
## ●電氣的光学的特性/Electro-optical characteristics

(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	-	mA $\mu$ A
	Power Down電流 Power-down current	$I_{CCSD}$	SD= $V_{CC}$	-	0.01	1	$\mu$ A
発光部 Light emitting portion	放射強度 Emission strength	$I_e$	$I_f \div 150\text{mA}$	10	-	300	mW/sr
	ピーク発光波長 Peak emission wavelength	$\lambda_p$	-	875	888	900	nm
受光部 Light sensing portion	最小受光感度 Minimum receiving sensitivity	SIR時/At SIR	-	-	8.1	$\mu$ W/cm <sup>2</sup>	
		MIR時/At MIR	-	-	20.0	$\mu$ W/cm <sup>2</sup>	
		FIR時/At FIR	-	-	20.0	$\mu$ W/cm <sup>2</sup>	
	最大受光感度 Maximum receiving sensitivity	$E_{max}$	$\alpha=0^\circ$	500	-	-	mW/cm <sup>2</sup>
レイテンシー Latency	$T_L$	-	-	-	100	$\mu$ s	

### 推奨はんだ付けパターン

The following soldering patterns are recommended for reflow-soldering:



## ●諸特性/Characteristics

