

InGaAs PIN MODULES



Model: RSPD715
75um InGaAS PD,FC/PC, 1.0m bare fiber

Specification

Parameter	Symbol	Test Condition	Min	Type	Max	Unit
Responsivity	R	$V_R = -5V$	0.8	0.85	-	A/W
Dark current	I_d	$V_R = -5V$	-	-	1	nA
Detection range	λ	-	1100	-	1650	nm
Dynamic Range	P	$V_R = -5V$	1.5	-	-	mW
Active area(Dia.)	ϕ	-	-	75	-	um
Rise/fall time	T_r/T_f	$V_R = -5V$	-	-	0.5	ns
Capacitance	C	$V_R = -5V$	-	-	0.75	pf

Absolute Maximum Ratings:

Parameter	Symbol	Value	Unit
Reverse Voltage	V_R	30	V
Case Temperature	T_{OP}	-40 ~ +65	°C
Storage Temperature	T_{ST}	-40 ~ +85	°C

Pin Assignment:

1.Case	2.PD-
3.GND	4.PD+

