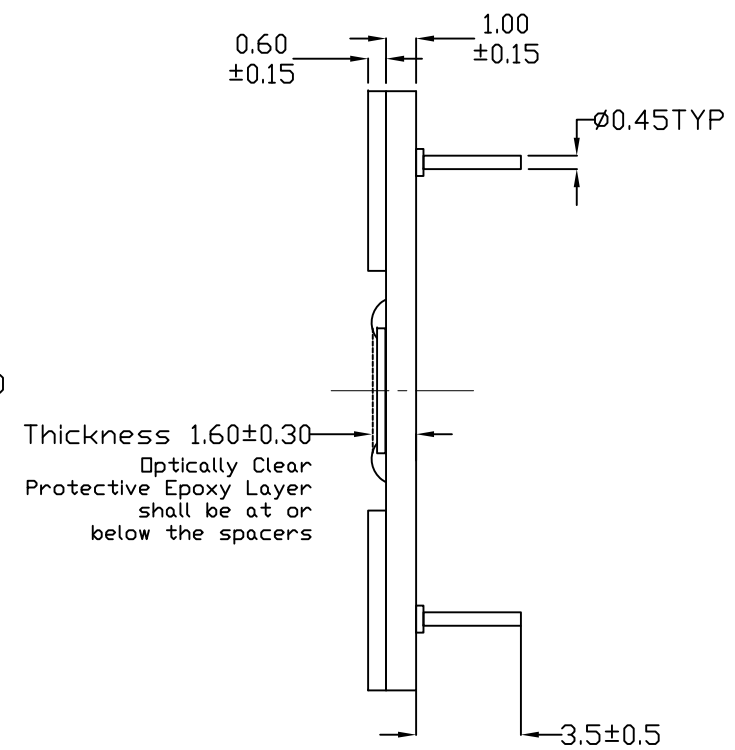
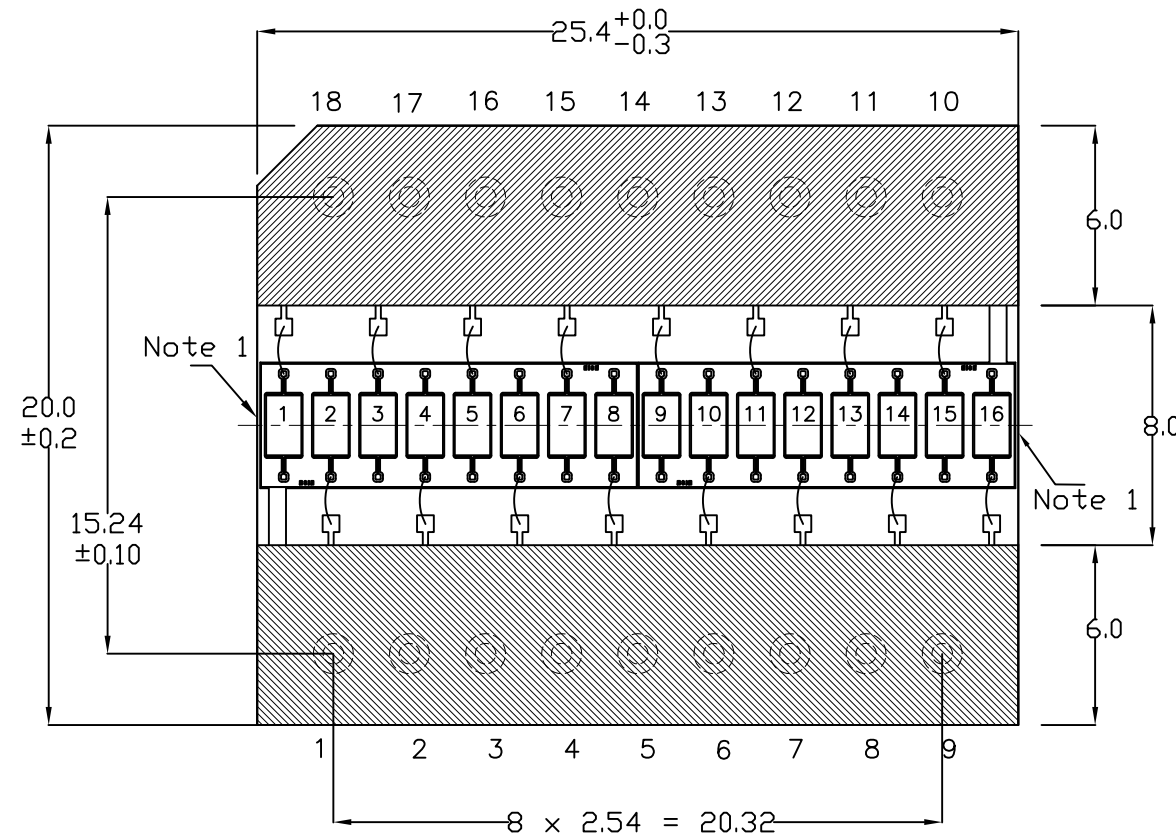


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REVISION			
LTR	DESCRIPTION	DATE	RELEASED BY
A	DCO 300-02042 [N. LEE]	12-14-14	E. LOVETT
B	DCO 300-02061 [N. LEE]		V. DURLAO



Thickness 1.60±0.30
Optically Clear
Protective Epoxy Layer
shall be at or
below the spacers

ELECTRO-OPTICAL CHARACTERISTICS @ 23°C

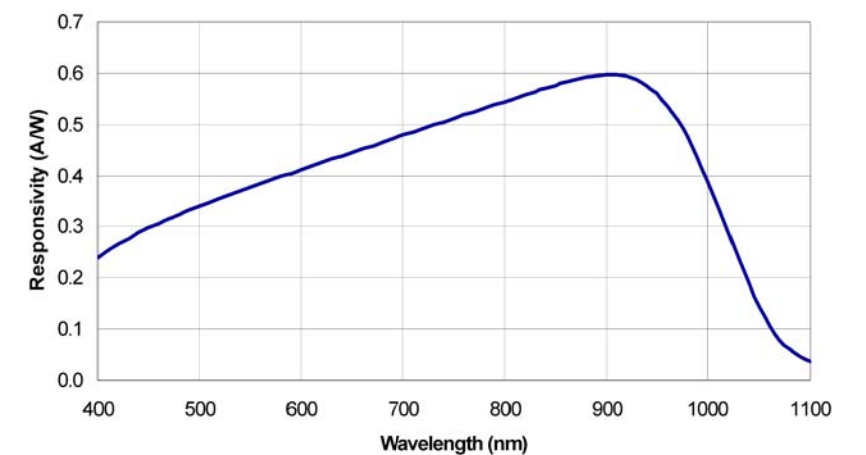
SYMBOL	CHARACTERISTIC	CONDITIONS	MIN	TYP	MAX	UNITS
AA	Active Area Size		1.175 x 2.0			mm
P	Pitch		1.575			mm
S	Sensitivity Range		400		1100	nm
R	Responsivity	$\lambda = 550\text{nm}$	0.30	0.35	0.40	A/W
		$\lambda_p = 900\text{nm}$	0.55	0.60	0.65	
I_D	Dark Current	$V_R = -0.010\text{ V}$		5	25	pA
C_J	Junction Capacitance	$V_R = 0\text{ V}$		30	40	pF
t_r	Response Time	0V, 50Ω, 630nm		50		ns
T_o	Operating Temperature		-20		+60	°C
T_s	Storage Temperature		-20		+80	°C

Note 1: PCB Edge to Chip Edge
Dimension is 0.12 + 0.00 / - 0.12 .


PIN No	Element
1	Cathode
2	Anode 2
3	Anode 4
4	Anode 6
5	Anode 8
6	Anode 10
7	Anode 12
8	Anode 14
9	Anode 16

PIN No	Element
10	Cathode
11	Anode 15
12	Anode 13
13	Anode 11
14	Anode 9
15	Anode 7
16	Anode 5
17	Anode 3
18	Anode 1

TYPICAL RESPONSIVITY (WITHOUT SCINTILLATOR)



NOTES: UNLESS OTHERWISE SPECIFIED

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM		FSCM NO: 50486		 An OSI Systems Company	
				FDA REG. NO:			
				CAD FILE: CS18-30321 B		TITLE PIN 17924-1 DETECTOR ARRAY ASSEMBLY	
				APPROVED			
				DRAWN PAUL		2014.12.12	
				CHECKED A.LIM		2015.01.05	
				ENGR			
				QUALITY			
				FINISH			
NEXT ASSY		USED ON		QA CODE: 24		SIZE B	
APPLICATION		DO NOT SCALE DRAWING		DRAWING NO. CS18-03021		REV. B	
				SCALE: NTS		SHEET 1 OF 1	