

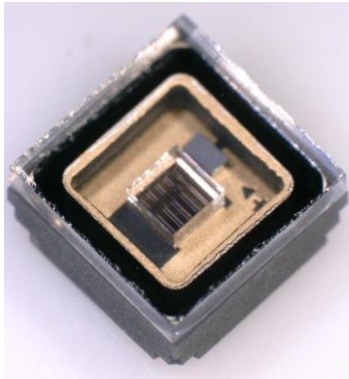
DOWA UV LEDs
Product Reference



SMD Solutions (Ta = 25 °C)

Series		Flat Top type				HEMI Lens G01 type				HEMI Lens G02 type				
Type		FG-02-U05	FG-03-U05	FL-02-U05	FL-03-U05	FG-02-G01	FG-03-G01	FL-02-G01	FL-03-G01	FG-02-G02	FG-03-G02	FL-02-G02	FL-03-G02	
Size		3535	3535	3535	3535	3535	3535	3535	3535	3535	3535	3535	3535	
Cover Window		Flat	Flat	Flat	Flat	HEMI	HEMI	HEMI	HEMI	HEMI	HEMI	HEMI	HEMI	
Protection Device		○	○	○	○	○	○	○	○	○	○	○	○	
Viewing Angle [deg.]		120	120	120	120	35	35	35	35	65	65	65	65-70	
Typical Radiant Flux (Po) and Forward Voltage (VF)														
		IF [mA]	100	100	350	350	100	100	350	350	100	100	350	350
λp [nm]	308 ± 5	Po [mW]	19		50	-	16		43	-	18		47	-
		VF [V]	5.4		5.5	-	5.4		5.5	-	5.4		5.5	-
	325 ± 5	Po [mW]		23	-	60		20	-	50		22	-	55
		VF [V]		4.1	-	4.9		4.1	-	4.9		4.1	-	4.9
	340 ± 5	Po [mW]		27	-	90		23	-	80		26	-	85
		VF [V]		4.1	-	4.6		4.1	-	4.6		4.1	-	4.6

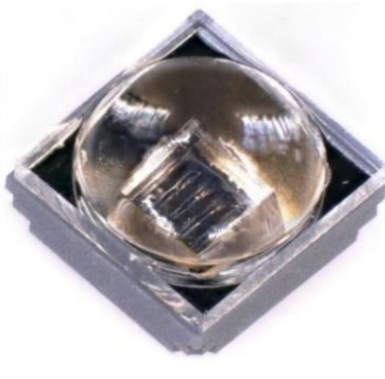
ベアチップの供給も可能です。/ Bare dies are available. (20mil, 30mil and 40mil)
ピン分けを含むカスタム仕様の対応も可能です。/ Customized specification and binning are available on a customer's request.



Flat Top type



HEMI Lens G01 type



HEMI Lens G02 type

TO-Stem Solutions (Ta = 25 °C)

Series		φ9			φ5				
Type		T-10031	L-1F131	L-1H331	L-1F111	L-1H321	L-1H411	L-1H211	
Package Type *		TO-39	TO-39	TO-39	TO-18	TO-46S	TO-18	TO-18	
Cover Window		—	Flat	HEMI	Flat	HEMI	HEMI	HEMI	
Protection Device		×	○	○	○	○	○	○	
Viewing Angle [deg.]		144	114	6-12	113	6-12	40	24	
Typical Radiant Flux (Po) and Forward Voltage (VF)									
		IF [mA]	20	20	20	20	20	20	20
λp [nm]	308 ± 5	Po [mW]	2.0	1.5	0.8	1.2	0.9	1.3	1.2
		VF [V]	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	325 ± 5	Po [mW]	2.0	1.7	0.9	1.2	1.0	1.4	1.5
		VF [V]	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	340 ± 5	Po [mW]	2.0	1.7	1.0	1.3	0.9	1.3	1.3
		VF [V]	4.0	4.0	4.0	4.0	4.0	4.0	4.0

*TO-18:JEDEC TO-18, TO-46S:JEDEC TO-46
ピン分けを含むカスタム仕様の対応も可能です。/ Customized specification and binning are available on a customer's request.



T-10031



L-1F131



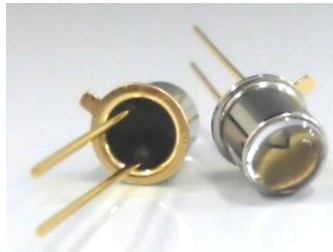
L-1H331



L-1F111



L-1H321



L-1H411



L-1H211

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