

# VCC LEDs

RoHS Compliant This product is RoHS compliant.



## VCC THRU-HOLE LEDs

### T1 3mm LEDs - without Base Flange

DIMENSIONS: mm (in.)

MOUSER STOCK NO.	VCC Part No.	Fig.	LED		Wave-length	Intensity Typ (mcd)	Viewing Angle	Price Each			
			Color	Lens				1	10	100	500
593-VAOL-3HAE4	VAOL-3HAE4	A	Red	Clear	643	150	30	.13	.11	.10	.075
593-VAOL-3MAE2	VAOL-3MAE2	A	Red	Diffused	640	80	60	.13	.11	.10	.075
593-VAOL-3MCE2	VAOL-3MCE2	A	Yellow	Diffused	590	80	60	.14	.12	.10	.08
593-VAOL-3HCE4	VAOL-3HCE4	A	Yellow	Clear	590	150	30	.14	.12	.10	.08
593-VAOL-3MDE2	VAOL-3MDE2	A	Green	Diffused	570	80	60	.13	.11	.10	.075
593-VAOL-3HDE4	VAOL-3HDE4	A	Green	Clear	570	170	30	.13	.11	.10	.075
593-VAOL-3MSBY2	VAOL-3MSBY2	A	Blue	Diffused	470	1200	60	.29	.26	.23	.18
593-VAOL-3HSBY4	VAOL-3HSBY4	A	Blue	Clear	470	2500	30	.29	.26	.23	.18
593-VAOL-3MWY4	VAOL-3MWY4	A	White	Clear	-	2500	60	.36	.32	.28	.22

### T1 3mm LEDs - with Base Flange

MOUSER STOCK NO.	VCC Part No.	Fig.	LED		Wave-length	Intensity Typ (mcd)	Viewing Angle	Price Each			
			Color	Lens				1	10	100	500
593-VAOL-3GAE4	VAOL-3GAE4	B	Red	Clear	643	150	30	.13	.11	.10	.075
593-VAOL-3LAE2	VAOL-3LAE2	B	Red	Diffused	640	80	60	.13	.11	.10	.075
593-VAOL-3LCE2	VAOL-3LCE2	B	Yellow	Diffused	590	85	60	.14	.12	.10	.08
593-VAOL-3GCE4	VAOL-3GCE4	B	Yellow	Clear	590	150	30	.14	.12	.10	.08
593-VAOL-3LDE2	VAOL-3LDE2	B	Green	Diffused	570	80	60	.13	.11	.10	.075
593-VAOL-3GDE4	VAOL-3GDE4	B	Green	Clear	570	170	30	.13	.11	.10	.075
593-VAOL-3LSBY1	VAOL-3LSBY1	B	Blue	Milky Diffused	470	700	60	.29	.26	.23	.18
593-VAOL-3LSBY2	VAOL-3LSBY2	B	Blue	Diffused	470	1200	60	.29	.26	.23	.18
593-VAOL-3LSBY4	VAOL-3LSBY4	B	Blue	Clear	470	1200	60	.29	.26	.23	.18
593-VAOL-3GSBY4	VAOL-3GSBY4	B	Blue	Clear	470	2500	30	.29	.26	.23	.18
593-VAOL-3LWY4	VAOL-3LWY4	B	White	Clear	-	2500	60	.36	.32	.28	.22
593-VAOL-3GWY4	VAOL-3GWY4	B	White	Clear	-	3500	30	.36	.32	.28	.22

### T1 3mm LEDs - Bi-Color

MOUSER STOCK NO.	VCC Part No.	Fig.	LED		Wave-length	Intensity Typ (mcd)	Viewing Angle	Price Each			
			Color	Lens				1	10	100	500
593-VAOB-3GACE2-C	VAOB-3GACE2-C	C	Red/Yellow	Milky Diffused	640/590	100/80	60	.30	.27	.24	.19
593-VAOB-3GADE2-C	VAOB-3GADE2-C	C	Red/Green	Milky Diffused	640/570	100/80	60	.28	.25	.22	.17
593-VAOB-3GCDE2-C	VAOB-3GCDE2-C	C	Yellow/Green	Milky Diffused	590/570	80/80	60	.30	.27	.24	.19

### T1 - 3/4 5mm LEDs - Cylindrical

MOUSER STOCK NO.	VCC Part No.	Fig.	LED		Wave-length	Intensity Typ (mcd)	Viewing Angle	Price Each			
			Color	Lens				1	10	100	500
593-VAOL-5701AE4	VAOL-5701AE4	D	Red	Clear	643	85	100	.14	.12	.10	.08
593-VAOL-5701CE4	VAOL-5701CE4	D	Yellow	Clear	590	80	100	.15	.13	.11	.09
593-VAOL-5701DE4	VAOL-5701DE4	D	Green	Clear	570	100	100	.14	.12	.10	.08
593-VAOL-5701SBY4	VAOL-5701SBY4	D	Blue	Clear	465	1000	100	.30	.27	.24	.19
593-VAOL-5701WY4	VAOL-5701WY4	D	White	Clear	-	1800	100	.37	.33	.29	.23

### T1 - 3/4 5mm LEDs - without Base Flange

MOUSER STOCK NO.	VCC Part No.	Fig.	LED		Wave-length	Intensity Typ (mcd)	Viewing Angle	Price Each			
			Color	Lens				1	10	100	500
593-VAOL-5MAE2	VAOL-5MAE2	E	Red	Diffused	640	80	60	.13	.11	.10	.075
593-VAOL-5MCE2	VAOL-5MCE2	E	Yellow	Diffused	590	80	60	.14	.12	.10	.08
593-VAOL-5MDE2	VAOL-5MDE2	E	Green	Diffused	570	50	60	.13	.11	.10	.075
593-VAOL-5MSBY2	VAOL-5MSBY2	E	Blue	Diffused	470	1500	60	.29	.26	.23	.18

### T1 - 3/4 5mm LEDs - with Base Flange

MOUSER STOCK NO.	VCC Part No.	Fig.	LED		Wave-length	Intensity Typ (mcd)	Viewing Angle	Price Each			
			Color	Lens				1	10	100	500
593-VAOL-5GAE4	VAOL-5GAE4	F	Red	Clear	643	250	30	.13	.11	.10	.075
593-VAOL-5LAE1	VAOL-5LAE1	F	Red	Milky Diffused	640	80	60	.13	.11	.10	.075
593-VAOL-5LAE2	VAOL-5LAE2	F	Red	Diffused	640	100	60	.13	.11	.10	.075
593-VAOL-5LCE1	VAOL-5LCE1	F	Yellow	Milky Diffused	590	80	60	.14	.12	.10	.08
593-VAOL-5LCE2	VAOL-5LCE2	F	Yellow	Diffused	590	100	60	.14	.12	.10	.08
593-VAOL-5GCE4	VAOL-5GCE4	F	Yellow	Clear	590	380	30	.14	.12	.10	.08
593-VAOL-5LDE1	VAOL-5LDE1	F	Green	Milky Diffused	570	50	60	.14	.12	.10	.08
593-VAOL-5LDE2	VAOL-5LDE2	F	Green	Diffused	570	150	60	.13	.11	.10	.075
593-VAOL-5GDE4	VAOL-5GDE4	F	Green	Clear	570	380	30	.13	.11	.10	.075
593-VAOL-5LSBY1	VAOL-5LSBY1	F	Blue	Milky Diffused	470	1500	60	.29	.26	.23	.18
593-VAOL-5LSBY2	VAOL-5LSBY2	F	Blue	Diffused	462	1500	60	.29	.26	.23	.18
593-VAOL-5LSBY4	VAOL-5LSBY4	F	Blue	Clear	462	1500	60	.29	.26	.23	.18
593-VAOL-5GSBY4	VAOL-5GSBY4	F	Blue	Clear	460	7000	30	.29	.26	.23	.18
593-VAOL-5LWY4	VAOL-5LWY4	F	White	Clear	-	4000	60	.36	.32	.28	.22
593-VAOL-5GWY4	VAOL-5GWY4	F	White	Clear	-	7000	30	.36	.32	.28	.22

### T1 - 3/4 5mm LEDs - Bi-Color

MOUSER STOCK NO.	VCC Part No.	Fig.	LED		Wave-length	Intensity Typ (mcd)	Viewing Angle	Price Each			
			Color	Lens				1	10	100	500
593-VAOB-5H2ACE2	VAOB-5H2ACE2	G	Red/Yellow	Diffused	640/590	100/80	60	.29	.26	.23	.18
593-VAOB-5H2ADE2	VAOB-5H2ADE2	G	Red/Green	Diffused	640/570	100/80	60	.27	.24	.21	.16
593-VAOB-5H2CDE2	VAOB-5H2CDE2	G	Yellow/Green	Diffused	590/570	80/80	60	.30	.27	.24	.19
593-VAOB-5GACT2-SC	VAOB-5GACT2-SC	H	Red/Yellow	Milky Diffused	640/590	80/70	60	.30	.27	.24	.19
593-VAOB-5GADT2-SC	VAOB-5GADT2-SC	H	Red/Green	Milky Diffused	640/570	90/70	60	.28	.25	.22	.17
593-VAOB-5GCDT2-SC	VAOB-5GCDT2-SC	H	Yellow/Green	Milky Diffused	590/570	70/63	60	.32	.28	.25	.20
593-VAOB-5GACE2-C	VAOB-5GACE2-C	I	Red/Yellow	White Diffused	640/590	100/80	60	.30	.27	.24	.19
593-VAOB-5GADE2-C	VAOB-5GADE2-C	I	Red/Green	White Diffused	640/570	100/80	60	.28	.25	.22	.17
593-VAOB-5GCDE2-C	VAOB-5GCDE2-C	I	Yellow/Green	White Diffused	590/570	80/80	60	.30	.27	.24	.19

### T3 - 1/8 10mm LEDs

MOUSER STOCK NO.	VCC Part No.	Fig.	LED		Wave-length	Intensity Typ (mcd)	Viewing Angle	Price Each			
			Color	Lens				1	10	100	500
593-VAOL-10GAT4	VAOL-10GAT4	J	Red	Clear	640	655	30	.17	.15	.14	.11
593-VAOL-10GCE4	VAOL-10GCE4	J	Yellow	Clear	590	593	30	.17	.17	.15	.12
593-VAOL-10GDE4	VAOL-10GDE4	J	Green	Clear	570	350	30	.17	.15	.14	.11
593-VAOL-10GSBY4	VAOL-10GSBY4	J	Blue	Clear	470	7000	30	.38	.34	.30	.23
593-VAOL-10GWY4	VAOL-10GWY4	J	White	Clear	-	8000	30	.43	.38	.34	.26
593-VAOB-10GACE2-C	VAOB-10GACE2-C	K	Red/Yellow	White Diffused	640/590	100/90	30	.38	.34	.30	.23
593-VAOB-10GADE2-C	VAOB-10GADE2-C	K	Red/Green	White Diffused	640/570	100/80	30	.34	.30	.27	.21
593-VAOB-10GCDE2-C	VAOB-10GCDE2-C	K	Yellow/Green	White Diffused	590/570	90/80	30	.37	.33	.29	.23

