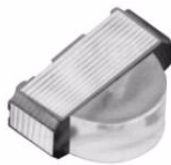


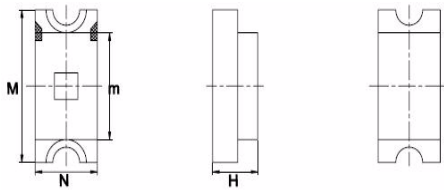
Right Angle Types

Right Angle, Common Anode Round Top LED

SMD Multiple Color LED



RoHS



TCI Part No.	Chip			Lens Color	I _v (mcd)			V _F (v)			Viewing Angle 2θ1/2	Outline (mm)			
	Material	Emitted Color	λ _D (nm)		Min.	Typ.	at I _F = mA	Typ.	Max.	at I _F = mA		M	N	m	H
TBPR-DFRA-3020AG-A30	AlInGaP	Super Deep Red	639	Water Clear	28.5	45	20	2.0	2.4	20	120°	3.2	2.0	2.0	1.0
	AlInGaP	Yellowish Green	573	Water Clear	28.5	45	20	2.0	2.4	20					
TBPR-QBRA-3020AR-A1	AlInGaP	Super Red	624	Water Clear	22.5	30	5	1.7	2.2	5	120°	3.2	2.0	2.0	1.0
	InGaN	Super Blue	470	Water Clear	18	28	5	2.7	3.1	5					
TBPR-QFRA-3020AR-A2	AlInGaP	Super Red	624	Water Clear	36	54	20	2.0	2.4	20	120°	3.2	2.0	2.0	1.0
	AlInGaP	Yellowish Green	573	Water Clear	21	28	20	2.0	2.4	20					
TBPR-QTRA-3020AG-A30	AlInGaP	Super Red	624	Water Clear	72	112	20	2.0	2.4	20	120°	3.2	2.0	2.0	1.0
	InGaN	True Green	525	Water Clear	112	180	20	3.3	3.7	20					
TBPR-XFRA-3020AY-A2	AlInGaP	Super Yellow	589	Water Clear	45	72	20	2.0	2.4	20	120°	3.2	2.0	2.0	1.0
	AlInGaP	Yellowish Green	573	Water Clear	28.5	45	20	2.0	2.4	20					