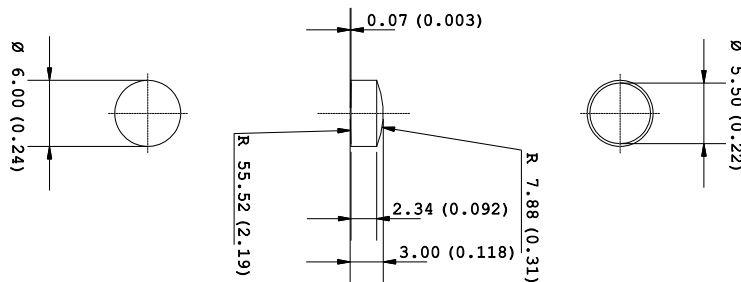


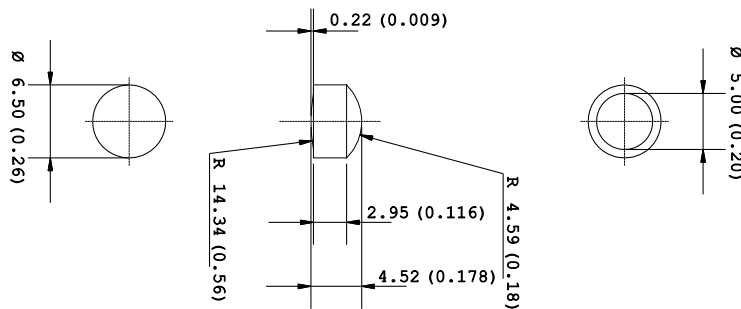
KEB060 Biconvex Lenses Ø 6,00 mm.

Code	KEB06001B	KEB06003B	KEB06004B	KEB06006B
Material	PC	PC IR	PMMA	PMMA UV
D (mm)	6,00	6,00	6,00	6,00
d (mm)	5,50	5,50	5,50	5,50
S (mm)	0,25	0,25	0,25	0,25
t (mm)	3,00	3,00	3,00	3,00
h (mm)	2,34	2,34	2,34	2,34
Lambda (nm)	550	850	550	380
EFFL (mm)	13,7	14,1	15,2	14,7
BFL (mm)	12,3	12,6	14,2	13,8



KEB065 Biconvex Lenses Ø 6,50 mm.

Code	KEB06501B	KEB06503B	KEB06504B	KEB06506B
Material	PC	PC IR	PMMA	PMMA UV
D (mm)	6,50	6,50	6,50	6,50
d (mm)	5,00	5,00	5,00	5,00
S (mm)	0,75	0,75	0,75	0,75
t (mm)	4,50	4,50	4,50	4,50
h (mm)	2,95	2,95	2,95	2,95
Lambda (nm)	550	850	550	380
EFFL (mm)	7,9	8,2	7,5	7,2
BFL (mm)	6,8	7,0	6,4	6,2



		PC	PC IR	PMMA	PMMA UV
Transmission Factor for transparent material	%	89	-	92	-
Refractive index		1.586	1.586	1.49	1.49
Haze for transparent material	%	< 0.8	-	< 0.5	< 0.5
Tensile modulus	MPa	2400	2400	3300	3300
Yeld stress	MPa	65*	65*	77**	77**
Yeld strain	MPa	6.0*	6.0*	5.5**	5.5**
Glass transition temperature	°C	145	148	117	117
Temperature of deflection under load (1.8 Mpa)	°C	124	125	98	98
Temperature of deflection under load (0.45 Mpa)	°C	137	137	103	103
Density	Kg/m3	1200	1200	1190	1190

* 50 mm/min

** 5 mm/min

Geometric Tolerance

t $t \pm 0,05\%$

R $R \pm 3\%$

D $D \begin{matrix} +0,00 \\ -0,1 \end{matrix}$

EFFL $EFFL \pm 5\%$

BFL $BFL \pm 5\%$