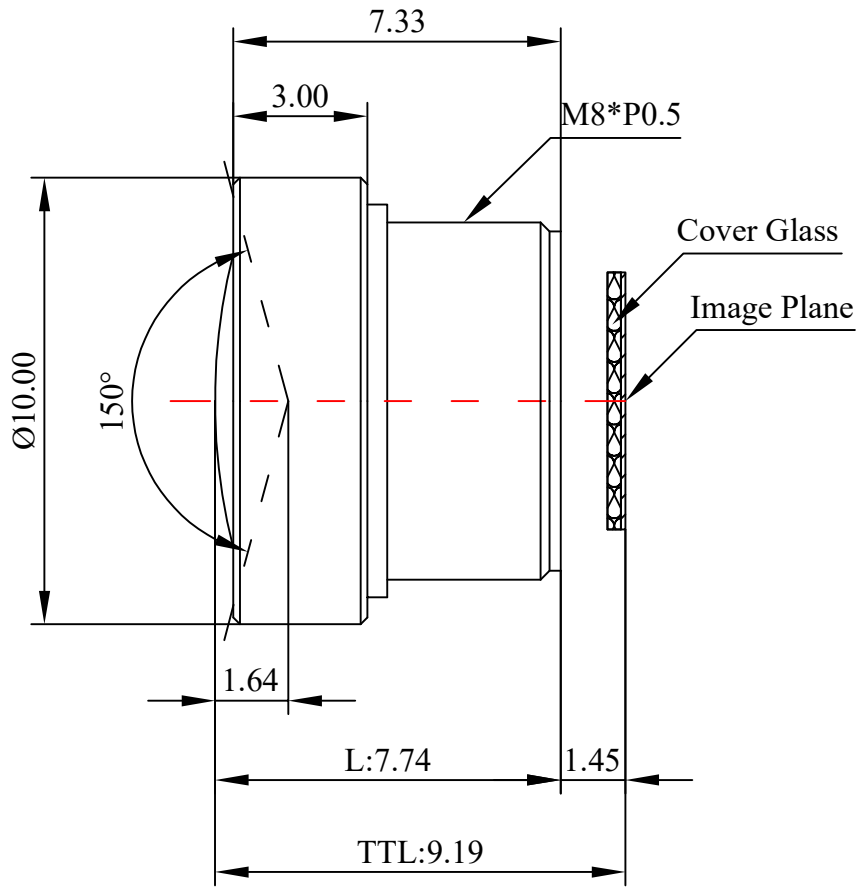
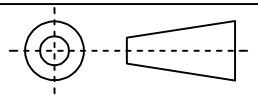
PRODUCT: CH3747BB

1	Type		Wide Angle lens		
2	Resolution		MP		
3	Image Format		1/3.6"		
4	Image Circle		ϕ5.0mm(MAX)		
5	EFL		1.05mm		
6	TTL		9.19mm		
7	F/NO.		F2.2		
8	FFL（M)		1.45mm		
9	BFL（O)		1.85mm		
10	For Sensor		OV9712	OV7740	OV7725
11	F.O.V	Horizontal	126°	100°	126°
12		Vertical	91.5°	82°	103°
13		Diagonal	142°	116°	150°
14	OPT Distortion		<-10.8%		
15	Relative Ill.		>65%		
16	Chief Ray Angle		<23.0°		
17	M.O.D		0.1m~∞		
18	Mount Type		M8*P0.5		
19	Dimension Figure		ϕ10.0*L7.74mm		
20	Lens Structure		2G2P		
21	IR-Filter		T=50%&IR650±10nm		
22	Weight		---		
23	Iris Operation		Fixed		
24	Zoom Operation		Fixed		
25	Focus Operation		Manual		
26	Operating Temperature		-15° ~+65°		
27	Storage Temperature		-15° ~+65°		



Scale	Remark	Tolerances	Date	Revised	
4：1	X	± 0.2	2020-04-26	CH3747BB Rev1.0	
	X.0	± 0.15			
Units	X.00	± 0.10	Design	Linda	2020-02-19
	X.000	± 0.001	Checked	Anna	2020-03-12
mm	Angle	± 0.5°	Approval	Sanmu	2020-03-17

福州创安光电科技有限公司
FUZHOU CHUANGAN OPTICS CO., LTD



3D Angle Projection