

SUPPLY SHEET

DO-W0817A

1/4" VGA (Omnivision)

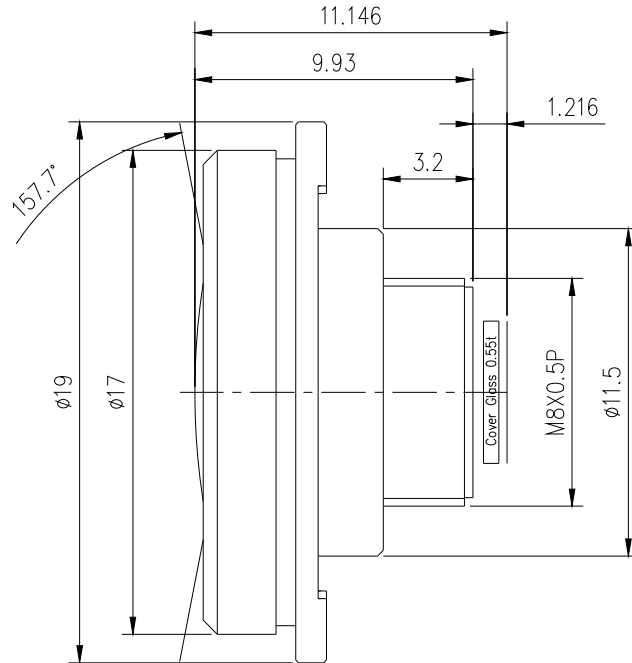
CUSTOMER	APPROVED		
SUPPLIER	Charge	Judgment	Approved

Date : 2011. 07. 08



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TEL : 82-31-777-9861 FAX : 82-31-777-9864 <http://www.digitaloptics.co.kr/>



Lens Specifications

USE : 1/4" VGA Automotive Lens

Focal Length	1.38mm	
Relative Aperture (F/#)	2.8	
Sensor Image Size	$\phi 4.8$ mm (Max Image Circle : $\phi 5.1$ mm)	
Field Of View	157.7° (D), 127.8° (H), 101.3° (V),	
MTF (Design Value)	Center	59.4% (at 60 lp/mm)
	0.7 Field	65.4%(R), 59.1%(T) (at 45 lp/mm)
Total Track Length	11.146mm (from lens top to image surface) (IR Filter t=0.4mm, Cover Glass t=0.55mm)	
Back Focal Length	2.116mm (IR Filter t=0.4mm, Cover Glass t=0.55mm)	
TV Distortion	$\leq -17.2\%$	
Chief Ray Angle(Max)	23.91° (at 1.0 Field)	
Relative Illumination	43.0%	
Construction	2 Glass 3 Plastic	
Coating	AR Coating	
Lens Barrel	M8X0.5	