

SUPPLY SHEET

DO-W0817C

1/4" VGA (Aptina)

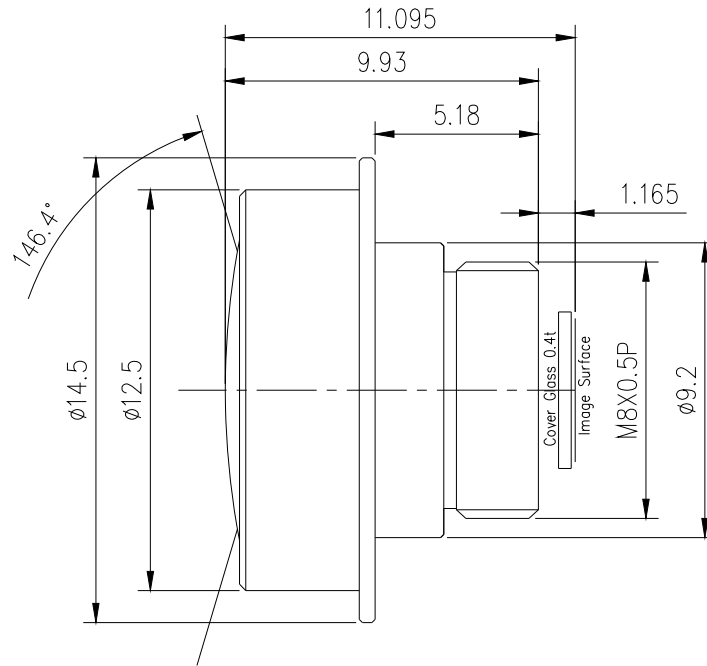
CUSTOMER	APPROVED		
SUPPLIER	Charge	Judgment	Approved

Date : 2011. 07. 08

 **Digital Optics Co., Ltd.**

RM 204, Sicox Tower, 513-14, Sangdaewon-dong, Jungwon-Gu, Seongnam-City, Kyonggi-Do, 462-120, Korea

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	$\phi 4.48$ mm (Max Image Circle : $\phi 5.1$ mm)	
Field Of View	146.4° (D), 120.7° (H), 95.8° (V),	
MTF (Design Value)	Center	59.2% (at 60 lp/mm)
	0.7 Field	64.9%(R), 59.3%(T) (at 45 lp/mm)
Total Track Length	11.095mm (from lens top to image surface) (IR Filter t=0.4mm, Cover Glass t=0.4mm)	
Back Focal Length	2.065mm (IR Filter t=0.4mm, Cover Glass t=0.4mm)	
TV Distortion	$\leq -14.7\%$	
Chief Ray Angle(Max)	22.45° (at 1.0 Field)	
Relative Illumination	45.9%	
Construction	2 Glass 3 Plastic	
Coating	AR Coating	
Lens Barrel	M8X0.5	