



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: > Ø 11.43mm
2. SURFACE QUALITY: 40-20 SCRATCH-DIG
3. TRANSMITTED WAVEFRONT ERROR: < $\lambda/4$ AT 633nm
4. PARALLELISM: < 3 arcmin
5. FILTER COATING (S1):
REFLECTION BAND (R): >95% AVERAGE, >90% ABSOLUTE 655-800nm
TRANSMISSION BAND (T): >90% AVERAGE, >85% ABSOLUTE 580-621nm
45° AOI
6. AR COATING (S2):
R: < 2% ABSOLUTE 580-621nm 45° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com Ø 12.7mm SHORPASS DICHOIC MIRROR 638nm	
NAME	DATE			
DRAWN	MG	18/MAY/16	MATERIAL UV FUSED SILICA	
APPROVAL	DD	08/JUNE/16		
COPYRIGHT © 2016 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			DMSP638T	1 g