	8	7	6	5	4	3	2	1	
D	NOTES (UNLESS OTHERWISE SPECIFIED):						REV. DESCRIPTION	REVISIONS N DATE APPROVED	
	ALL COMPONENTS AND MATERIALS OF THIS ASSEMBLY OR PART MUST BE CERTIFIABLY ROHS						A INITIAL RELEAS		
	COMPLIANT. 2. 3D DATA BASE SHALL BE USED IN CORRELATION WITH THIS DRAWING FOR FEATURES NOT DIMENSIONED								D
	ON FACE OF THIS DRAWING.								
	 ASEMBLE PER NMLASER MANUFACTURER INSTRUCTIONS ASSEMBLY PROCEDURES MANUAL. APPROVED FOR DIRECT DRIVE 5VDC AT 500mA RATING. 					SWITCHING TIME SPECIFICATIONS			
						SPECIFICATION	1 mm BEAM	3mm FULL APERTURE	
С	INPUT APERTURE					Open Delay Time	3.5 ms	3.0 ms	-
						Open Rise Time	1.0 ms	2.0 ms	
				18 INCHES 26 AWG TEFLON		Open Total Time	4.5 ms	5.0 ms	
	1.000		5VDC	20711101212011		Close Delay Time	2.3 ms	1.5ms	
					\swarrow	Close Fall Time	0.7 ms	2.0 ms	
						Close Total Time	3.0 ms	3.5 ms	
	.275					fly-back diode(s) in circuit			
	2X .225					LST-5VDC SPECIFICATION			
В	0 —					ELECTRICAL DRIVE		DIRECT DRIVE 5V AT 0.5 A	
						APERTURE DIAMETER	₹	3.0 mm	
	MOUNTING HOLES					TYPICAL BEAM DIAMETER		1.0 mm	
						MAX. OPTICAL POW	/ER HANDLING	2 Watts (30mJ/cm2 LIDT)	
						MAXIMUM REPETITIC	ON RATE	50 Hz (Continuous)	В
	MOUNTING HOLES —				THERMAL POWER DI	SSIPATION HOLDING OPEN	2.5 WATTS	_	
						THERMAL POWER DI	SSIPATION AT 50 Hz	1.2 WATTS	
	2X 6-32 UNC ▼.200					NOMINAL MAGNETI	C IMPEDANCE	10 Ohms	
						THERMAL MOUNTING SURFACE		DATUM A OR B	_
						CUSTOMIZATION AV		DIRECT DRIVE 12V AT 0.2A	<u> </u>
	2X .190 —					DIMENSIONS ARE IN INCHES TOLERANCES:	NAME DATE RAWN M.K. 3/5/2021	nmLaser Products The Source for Laser Shutters	
	0					TWO DECIMAL: X.XX ±.015	KED TITLE:		
			0	0		OVERALL FINISH:	FG APPR. SHUT	TER, 5V DIRECT DRIVE	A
		B 0 055.	1.25	1.250		MAIERIAL.	D ANGLE PROJECTION SIZE DW	G. NO. REV	
	PROPRIETARY AND CONFIDENTIAL THE DESIGN INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF NM LASER PRODUCTS, INC. THE DISCLOSURE OF THIS INFORMATION DOES NOT CONSTITUTE THE RELEASE OF THE PROPRIETARY RIGHTS THEREOF, BUT IS TO BE USED FOR INFORMATION PURPOSES ONLY WHEN NECESSARY. PERMISSION TO REPRODUCE THIS INFORMATION OF THE PRODUCT DESCRIBED HERE IN MUST BE OBTAINED IN WRITING FROM NM LASER PRODUCTS, INC.					DO NOT SCALE DRAWING	B SCAL	LST-5VDC A	
	8	7	6	5	4	3	2	1	_