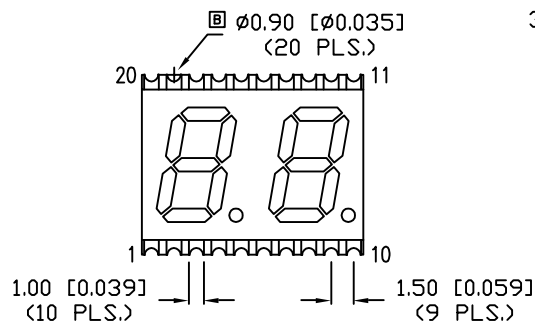
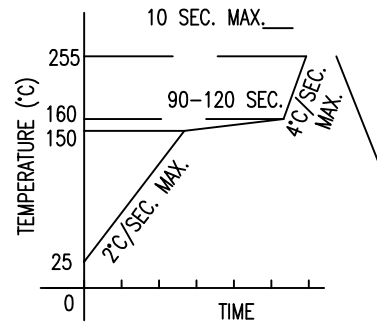
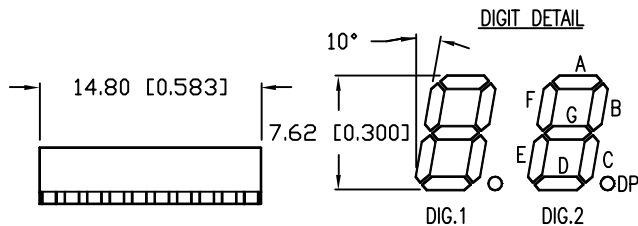


LEAD FREE REFLOW PROFILE

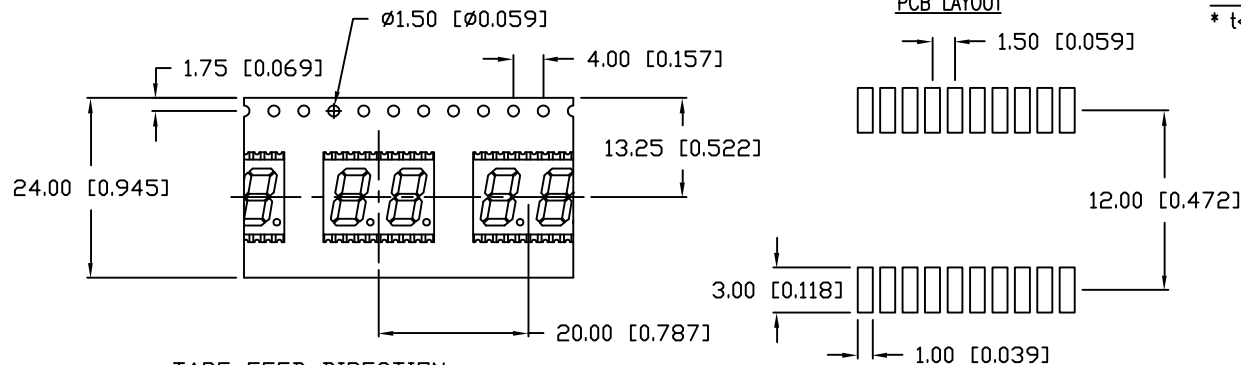


TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

CAUTION: STATIC SENSITIVE DEVICE
 FOLLOW PROPER E.S.D. HANDLING PROCEDURES
 WHEN WORKING WITH THIS PART.



PCB LAYOUT



TAPE FEED DIRECTION

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+DECIMAL PRECISION MAX=+0.00 -DECIMAL PRECISION

PART NUMBER			REV.
LDD-SMA3004RI-SITR			C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #11339.	7.6.06	
B	E.C.N. #11373.	12.04.06	
C	E.C.N. #11446.	9.28.07	

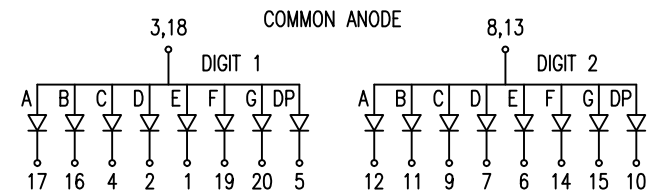
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=10mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100µA
AXIAL INTENSITY		13000		µcd	I _f =10mA
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	102	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

* t<10µs



REV.

C

PART NUMBER

LDD-SMA3004RI-SITR

0.30" SEVEN SEGMENT, DUAL DIGIT, LED DISPLAY,
 636nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS,
 COMMON ANODE, SURFACE MOUNT.

CONFIDENTIAL INFORMATION

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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JC			PAGE: OF 1
			SCALE: N/A