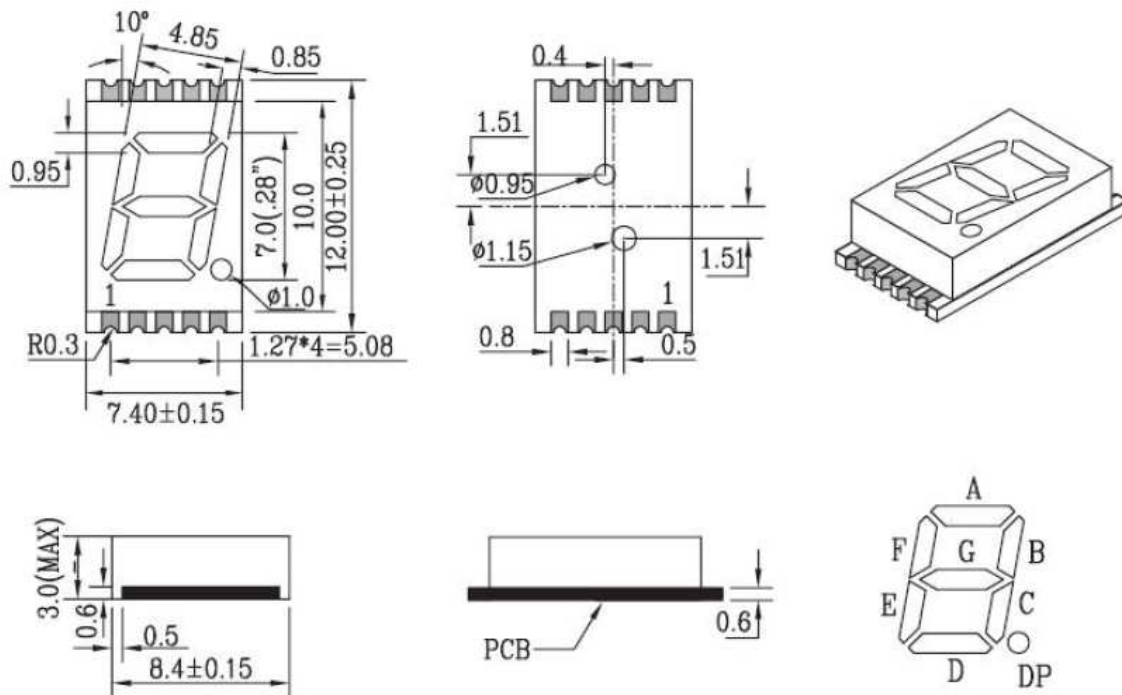


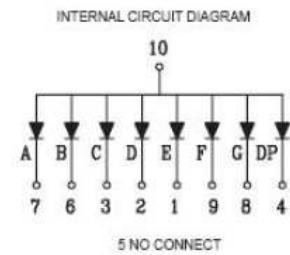
KT1028AA10S



NORMAL TOLERANCE: $\pm 0.10\text{mm}$ ANGLE: $\pm 1^\circ$

ABSOLUTE MAXIMUM RATINGS AT=25°C

PARAMETER	VALUE	UNITS
POWER DISSIPATION PER SEGMENT	50	mW
PEAK FORWARD CURRENT PER SEGMENT (1/10 DUTY CYCLE, 0.1ms PULSE WIDTH)	60	mA
CONTINUOUS FORWARD CURRENT PER SEGMENT	15	mA
RECOMMEND OPERATING CURRENT	9	mA
REVERSE VOLTAGE PER SEGMENT	5	V
OPERATING TEMPERATURE RANGE	-25 to -85	°C
STORAGE TEMPERATURE RANGE	-30 to -85	°C
JUNCTION TEMPERATURE	+85	°C
LEAD SOLDER TEMPERATURE	250°C for 3 sec.	



ELECTRICAL / OPTICAL CHARACTERISTICS AT = 25°C

PARMAETER	TEST CONDITION	SYMBOL	MIN.	TYP.	MAX.	UNITS
PEAK EMISSION WAVELENGTH	I _f =20mA	λ_p		590		nm
SPECTRAL LINE HALF-WIDTH	I _f =20mA	$\Delta\lambda$		15		nm
FORWARD VOLTAGE PER SEGMENT	I _f =20mA	V _f	1.8	2.0	2.3	V
REVERSE CURRENT PER SEGMENT	V _r =5V	I _r			100	μA
LUMINOUS INTENSITY MATCHING RATE	I _f =20mA	I _{v-m}			2.0:1	