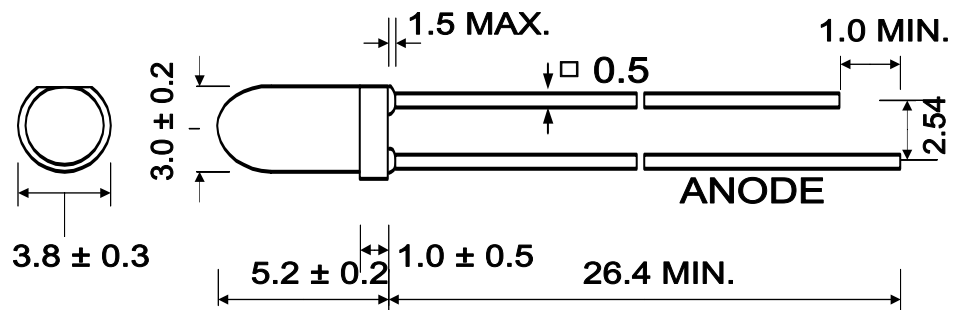


T-1 (3mm) Round Type

★ PACKAGE DIMENSIONS**NOTE:**

1. All dimensions are in millimeter.
2. Lead spacing is measured where the lead emerge from the package.
3. Tolerance is ± 0.25 mm unless otherwise noted.

★ SELECTION GUIDE

Part NO	Chip		Lens Color	Viewing Angle
	Material	Emitted		
3-22b-CD47-A	GaN	Blue	Diffused	50

Part No: 3-22b-CD47-C

★ ABSOLUTE MAXIMUM RATINGS

(Ta=25°C)

PARAMETER	SYMBOL	MAX. RATING	Unit
Power Dissipation	Pd	80	mW
Continuous Forward Current	IF	25	mA
Pak forward current (10μ s Pulse)	IFM	70	mA
Reverse Voltage	VR	5.0	V
Operating Temperature	Topr	-40~+85	°C
Storage Temperature	Tstg	-40~+85	°C
Lead Soldering Temperature (1.6mm From Case Bottom 260°CFor 5 SEC)			

★ ELECTRIC-OPTICAL CHARACTERISTICS

PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
Forward Voltage	VF	IF=20mA		3.5	4.0	V
Reverse Voltage	VR	VR=5V			10	uA
Luminous Intensity	IV	IF=20mA	60	80		mcd
Peak Emission Wavelength	λ_p	IF=20mA		470		nm
Spectrum Width Of Half Value	$\Delta \lambda$	IF=20mA		65		nm

★ CHARACTERISTICS DIAGRAMS

Blue (GaN)

