

**5mm
Bi-Color LEDs
Non-Tinted, Diffused**

Dialight
5TD-xxxx

*** NOT A VALID PART
NUMBER. THIS SHEET IS FOR
REFERENCE ONLY.**

TYPE

*5TD-9461
*5TD-9467

COLOR

Yellow/Green
Red/Green

ABSOLUTE MAXIMUM RATINGS ($T_A=25^\circ\text{C}$)	Yellow/Green -9461	Red/Green -9467
Power Dissipation (mW)	135/135	135/135
Forward Current (mA) Derating (mA/°C) <i>From 50°C 1. From 40°C</i>	25/25 .5/.5	25/25 .5/.5
Peak Current (mA) <i>Pulse width = 10 μs</i>	90/90	90/90
Operating Temperature (°C)	-20/+85	-20/+85
Storage Temperature (°C)	-55/+100	-55/+100
Soldering Temperature	260°C, 5 seconds, 1.6 mm from case	

Solder Adherence per MIL-STD-202E, Method 208C

OPERATING CHARACTERISTICS ($T_A=25^\circ\text{C}$)		Yellow/Green -9461	Red/Green -9467
Luminous Intensity (mcd) $I_F=10\text{mA}$	Min. Typical	2.1/4.2 5/8	2.1/4.2 5/8
Peak Wavelength (nm) λ_{Peak}	Typical	583/565	635/565
Viewing Angle ($2\theta_{1/2}$)	Typical	65°	65°
Forward Voltage (V) $I_F=10\text{mA}$	Typical Max.	2.1/2.1 2.5/2.5	2.1/2.3 2.5/2.7

$\theta_{1/2}$ is the off axis angle at which the luminous intensity is half the axial luminous intensity

Note: Data shown as Red/Green and Yellow/Green as applicable