



T-41-61

UNDERSTANDING THE SUBJECT IS CUSTOMER SERVICE

PHOTO-TRANSISTOR SERIES	PHOTO CURRENT (TYP.) @ $V_{ce} = 5V$ $H = 20mW/cm^2$	DARK CURRENT (MAX.) @ $V_{ce} = 15V$ $H = 0$	V_{ce} (SAT.) (TYP.) @ $I_c = 0.5 mA$ $H = 20mW/cm^2$	V_{ce} (SUS.) (MIN.) @ $I_c = 100 \mu A$ $H = 0$	PACKAGE
LT393-0125 LT593L-0125 LT9593-0125	20 mA	100 nA	0.4 V	30 V	96 97 98

PHOTO-DIODE SERIES	I_s (TYP.) @ $V_R = 5V$ $E = 0.5 mW/cm^2$	$I_D(R)$ (MAX.) @ $V_R = 10V$ $E = 0$	$V(BR)R$ (MIN.) @ $I_R = 100 \mu A$ $E = 0$	SENSITIVE WAVELENGTH (TYP.)	LENS COLOR	PACKAGE
LT3953-2120 LT3955-2120	$2 \mu A$	30 nA	20 V	950 nm	CLEAR BLACK	99

HOLDER SERIES	HOLDER MATERIAL	DESCRIPTION	PACKAGE
5004 5003	BLACK POLYPROPYLENE	SUITABLE FOR LT5XXL AND LT18XX SERIES	100 101

ARRAY SERIES	LENS COLOUR	DESCRIPTION	PACKAGE
LT63Hxx LT64Hxx LT64Hxx LT72Hxx LT20Hxx	COLOR DIFFUSED	1. COLOUR COMBINATION AS CUSTOMER REQUIREMENT 2. EXAMPLE: LT63H1Y1G (1 YELLOW AND 1 GREEN) LT72H2PR5G (2 RED AND 5 GREEN) 3. GaAsP RED → SR GaP RED → PR GREEN → G YELLOW → Y ORANGE → O HI-EFF. RED → HR AMBER → A	102 103 104 105 106

SUPER-BRIGHT SERIES	LENS COLOUR	EMITTING COLOUR	FORWARD VOLTAGE (TYP.) @ $I_F = 20mA$	LUMINOUS INTENSITY (TYP.) @ $I_F = 20 mA$	PACKAGE
LT373L LT373L-UR LT1873 LT1873-UR LT8673 LT8673-UR	WATER CLEAR	GaAlAs RED (660 nm)	1.7 V	60 mcd 200 mcd 250 mcd 1000 mcd 320 mcd 1250 mcd	3 16 22

FLASH SERIES	LENS COLOUR	EMITTING COLOUR	PULSE RATE (TYP.) @ $V_F = 8V$	OPERATING VOLTAGE (TYP.)	LUMINOUS INTENSITY (TYP.) @ $V_F = 8V$	PACKAGE
LT1811GF LT1821F LT1831F LT1841F LT1841RF	RED DIFFUSED GREEN DIFFUSED YELLOW DIFFUSED ORANGE DIFFUSED RED DIFFUSED	GaP RED GREEN YELLOW ORANGE HI-EFF RED	2.4 HZ	8.0 V	1.6 mcd 3.5 mcd 3.5 mcd 5.0 mcd 5.0 mcd	16

LOW CURRENT SERIES	LENS COLOUR	EMITTING COLOUR	FORWARD VOLTAGE (TYP.) @ $I_F = 2mA$	LUMINOUS INTENSITY (TYP.) @ $I_F = 2mA$	PACKAGE
LT6341R-LC LT6344R-LC LT1841R-LC LT1844R-LC	RED DIFFUSED RED CLEAR RED DIFFUSED RED CLEAR	HI-EFF. RED	1.8V	1.8 mcd 5.0 mcd 2.0 mcd 5.6 mcd	7 16