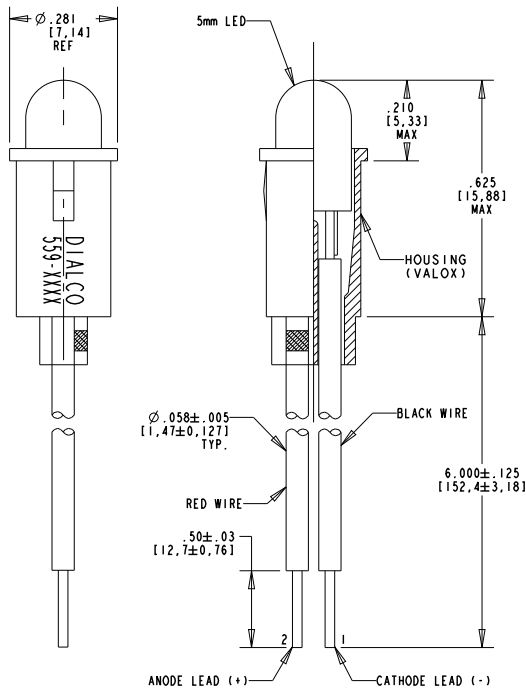


DIALIGHT PART NUMBER	FORWARD VOLTAGE (V) TYP	FORWARD CURRENT (mA) TYP	LED EPOXY COLOR	LED CHIP	PEAK WAVELENGTH (nm)	LUMINOUS INTENSITY (mcd) TYP
559-0102-003F	5.0	10	RED DIFF.	GaAsP	635	8.0
559-0103-003F	12.0	13	RED DIFF.	GaAsP	635	8.0
559-0202-003F	5.0	12	GREEN DIFF.	GaP	565	8.0
559-0203-003F	12.0	13	GREEN DIFF.	GaP	565	8.0
559-0302-003F	5.0	10	YELLOW DIFF.	GaAsP/GaP	583	8.0
559-0303-003F	12.0	13	YELLOW DIFF.	GaAsP/GaP	583	8.0
559-1101-003F	1.8	2*	RED DIFF.	GaAsP/GaP	635	2.3
559-1201-003F	1.9	2*	YELLOW DIFF.	GaAsP/GaP	583	1.8
559-1301-003F	1.8	2*	GREEN DIFF.	GaP	565	1.8
559-2101-003F	2.2	10**	RED DIFF.	GaAsP/GaP	650	6.3
559-2201-003F	2.1	10**	GREEN DIFF.	GaP	563	10.0
559-2301-003F	2.0	10**	YELLOW DIFF.	GaAsP/GaP	585	10.0
559-2501-003F	1.9	10**	ORANGE DIFF.	GaAsP/GaP	600	7.0

### RoHS COMPLIANT 559-XXOX-003F

Part Numbers with the "F" suffix ending are RoHS Compliant. Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 3 sec.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	KLJ	RP	MES	7-7-08
B		ADDED WIRE INSULATION O.D., STRIPPED LENGTH DIMENSION AND INCLUDED "TYPE C MIL-W-168780" IN NOTE 2.	AJF	KLJ	NO	7-24-09



NOTES:

- \* REQUIRES EXTERNAL RESISTOR.  
\*\* REQUIRES EXTERNAL RESISTOR, MAX FORWARD D.C. CURRENT 7mA.
- LEAD WIRES: #24 PVC 7/32 PRE-BONDED TYPE C MIL-W-168780.
- RECOMMENDED MOUNTING HOLE:  $\phi .249-.252$  ON PANELS  $.031-.062$  THICK.
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT PART NUMBERS: 559-XXOX-003F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



**ATTENTION:**  
OBSERVE PRECAUTIONS FOR  
HANDLING ELECTROSTATIC  
SENSITIVE DEVICES

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.		
SCALE: 4:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17617	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE LED PANEL MOUNT INDICATOR	
FRACTIONS: $\pm 1/64$	RoHS COMPLIANT	
DECIMALS (.XX): $\pm .02$	MATERIAL	
DECIMALS (.XXX): $\pm .015$	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
DECIMALS (.XXXX): $\pm .0005$	FSCM 83330	
ANGLES: $\pm 3^\circ$	SHEET 1 OF 1 FAMILY TABLE:	