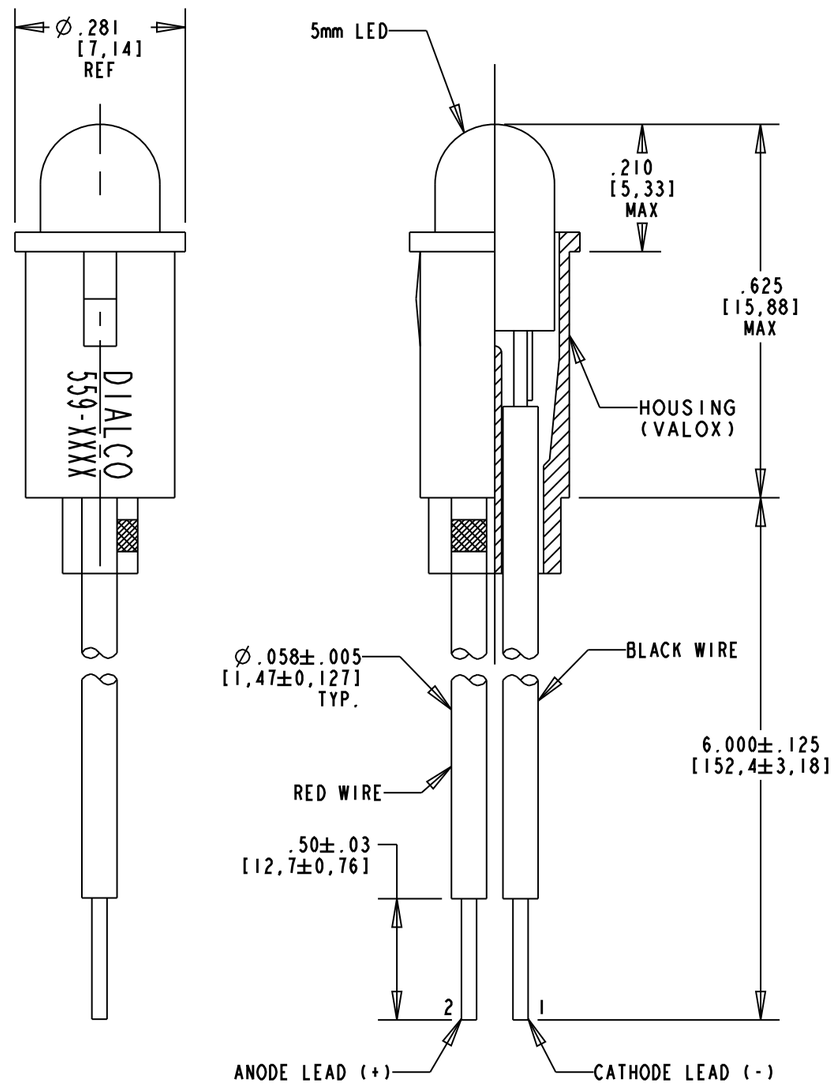
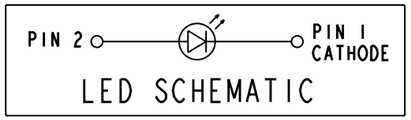
DIALIGHT PART NUMBER	FORWARD VOLTAGE (V) TYP	FORWARD CURRENT (mA) TYP	LED EPOXY COLOR	LED CHIP	PEAK WAVELENGTH (nm)	LUMINOUS INTENSITY (mcd) TYP
559-0102-003F	5.0	10	RED DIFF.	GaAsP	635	8.0
559-0103-003F	12.0	13	RED DIFF.	GaAsP	635	8.0
559-0202-003F	5.0	12	GREEN DIFF.	GaP	565	8.0
559-0203-003F	12.0	13	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

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

RoHS COMPLIANT 559-XX0X-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 5 sec.





ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

NOTES:

1. * REQUIRES EXTERNAL RESISTOR.
   ** REQUIRES EXTERNAL RESISTOR, MAX FORWARD D.C. CURRENT 7mA.
2. LEAD WIRES: #24 PVC 7/32 PRE-BONDED TYPE C MIL-W-168780.
3. RECOMMENDED MOUNTING HOLE: Ø.249-.252 ON PANELS .031-.062 THICK.
4. LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
5. PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
6. DIALIGHT PART NUMBERS: 559-XX0X-003F.
7. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

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
ALL DIM'S IN: INCHES (MM)
TOLERANCES: UNLESS OTHERWISE SPECIFIED
FRACTIONS: ±1/64
DECIMALS (.XX): ±.02
DECIMALS (.XXX): ±.015
DECIMALS (.XXXX): ±.0005
ANGLES: ±3°
FINISH:
FSCM 83330

DRAWING NUMBER C-17617
REV B
TITLE LED PANEL MOUNT INDICATOR RoHS COMPLIANT
MATERIAL

Dialight
1501 ROUTE 34 SOUTH
FARMINGDALE, NJ 07727

SHEET 1 OF 1
FAMILY TABLE: