DIALIGHT PART NUMBER	LED COLOR
551-0209-010F	GREEN DIFFUSED
551-0309-010F	YELLOW DIFFUSED
551-0409-010F	RED DIFFUSED

RoHS COMPLIANT 551-0X09-010F Part Numbers with the "F" suffix ending are RoHS Compliant. For example: 551-0209-010F 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.

ĒV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	AJF	KLJ	NO	10-18-10

TYP, MAX.

577

592

635

3.0

3.0

3.0

10

10

16.0

6.3

10.0

572

587

630

563

585

650

2.1

2.1

2.0

UNITS | TEST CONDITIONS

mc d

nm

μA

IF = 10 mA

IF = 10 mA

 $V_R = 3 V$

.160±.010 [4,06±0,25] ANODE [2,41]	210±.010 [5,33±0,25]
.250±.010 [6,35±0,251] .120 [3,051]	
ANODE LEAD TYP.	.145±.010 [3,68±0,25]
.020 [0,51] SO. TYP. NOM.	[4,06]

	RED			10				
VIEWING ANGLE	ALL		45		DEG	REE		
ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIEN	T			(REEN	YELLOW	RED	UNITS
POWER DISSIPATION					75	60	60	mW
PEAK FORWARD CURRENT (1/10 DUTY CYCLE,	O.Ims PULS	WIDTH	1)		60	60	60	mA
CONTINUOUS FORWARD CURRENT					25	20	20	mA
LINEAR DERATING FROM 50°C					0.5	0.5	0.5	mA/°C
REVERSE VOLTAGE					3	3	3	٧
LEAD SOLDERING TEMPERATURE (.063" [1.6m	nm] FROM BO	Y) FOF	5 SEC			260		°C
OPERATING TEMPERATURE					-	25 TO +8	35	°C
STORAGE TEMPERATURE					-30 TO +100			°C

ANGLES: ±1°

LED COLOR | MIN.

5.6

2.2

3.6

567

582

625

GREEN

YELLOW

RED

GREEN

YELLOW

RED

GREEN

YELLOW

RED

GREEN

YELLOW

RED

GREEN

YELLOW

-	.100±.002 [2,54±0,05]	Ø.043±.002 [1,09±0,05]
		TYP.

RECOMMENDED HOLE PATTERN GAUGE

NOTES:

- I. LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- 2. LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
- 3. PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- 4. DIALIGHT PART NUMBERS: 551-0X09-010F.
 5. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.







OPERATING CHARACTERISTICS AT 25°C AMBIENT

LED CHARACTERISTICS

LUMINOUS INTENSITY

DOMINANT WAVELENGTH

PEAK WAVELENGTH

FORWARD VOLTAGE

REVERSE CURRENT

SCALE 2.000

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: 8.000	DRAWING NUMBER	REV				
ALL DIM'S IN: INCHES (MM)	C 17072	۸ ا				
TOLERANCES: UNLESS OTHERWISE SPECIFIED	C-17873	Α				

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND

FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 ∅3mm RT. ANGLE CBI, REVERSE POLARITY DECIMALS (.XXX): ±.015

MATERIAL

FINISH: 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 83330 FSCM

SHEET I OF I FAMILY TABLE: