

| PART NUMBER | LED COLOR | |
|---------------|----------------------------|----------------------------|
| | POSITION 1 | POSITION 2 |
| 569-0111-000F | RED TINTED DIFFUSED | BLANK |
| 569-0111-100F | RED TINTED DIFFUSED | RED TINTED DIFFUSED |
| 569-0111-200F | RED TINTED DIFFUSED | GREEN TINTED DIFFUSED |
| 569-0111-300F | RED TINTED DIFFUSED | YELLOW TINTED DIFFUSED |
| 569-0111-700F | RED TINTED DIFFUSED | ORANGE TINTED DIFFUSED |
| 569-0111-900F | RED TINTED DIFFUSED | BLUE; WHITE DIFFUSED |
| 569-0112-000F | GREEN TINTED DIFFUSED | BLANK |
| 569-0112-100F | GREEN TINTED DIFFUSED | RED TINTED DIFFUSED |
| 569-0112-200F | GREEN TINTED DIFFUSED | GREEN TINTED DIFFUSED |
| 569-0112-300F | GREEN TINTED DIFFUSED | YELLOW TINTED DIFFUSED |
| 569-0112-700F | GREEN TINTED DIFFUSED | ORANGE TINTED DIFFUSED |
| 569-0113-100F | YELLOW TINTED DIFFUSED | RED TINTED DIFFUSED |
| 569-0113-200F | YELLOW TINTED DIFFUSED | GREEN TINTED DIFFUSED |
| 569-0113-300F | YELLOW TINTED DIFFUSED | YELLOW TINTED DIFFUSED |
| 569-0117-000F | ORANGE TINTED DIFFUSED | BLANK |
| 569-0117-700F | ORANGE TINTED DIFFUSED | ORANGE TINTED DIFFUSED |
| 569-0119-900F | BLUE; WHITE DIFFUSED | BLUE; WHITE DIFFUSED |
| 569-0211-100F | RED DIFFUSED; 2mA LC | RED DIFFUSED; 2mA LC |
| 569-0211-300F | RED DIFFUSED; 2mA LC | YELLOW DIFFUSED; 2mA LC |
| 569-0212-200F | GREEN DIFFUSED; 2mA LC | GREEN DIFFUSED; 2mA LC |
| 569-0212-300F | GREEN DIFFUSED; 2mA LC | YELLOW DIFFUSED; 2mA LC |
| 569-0213-300F | YELLOW DIFFUSED; 2mA LC | YELLOW DIFFUSED; 2mA LC |
| 569-0311-100F | RED DIFF; 5V INT RES | RED DIFF; 5V INT RES |
| 569-0312-200F | GREEN DIFF; 5V INT RES | GREEN DIFF; 5V INT RES |
| 569-0312-300F | GREEN DIFF; 5V INT RES | YELLOW DIFF; 5V INT RES |
| 569-0313-300F | YELLOW DIFF; 5V INT RES | YELLOW DIFF; 5V INT RES |
| 569-0711-100F | R/G BI-COLOR; WHITE DIFF | R/G BI-COLOR; WHITE DIFF |
| 569-0711-400F | R/G BI-COLOR; WHITE DIFF | Y/G BI-COLOR; WHITE DIFF |
| 569-0714-100F | Y/G BI-COLOR; WHITE DIFF | R/G BI-COLOR; WHITE DIFF |
| 569-0714-400F | Y/G BI-COLOR; WHITE DIFF | Y/G BI-COLOR; WHITE DIFF |
| 569-2211-100F | RED TINTED NON-DIFFUSED | RED TINTED NON-DIFFUSED |
| 569-2212-200F | GREEN TINTED NON-DIFFUSED | GREEN TINTED NON-DIFFUSED |
| 569-2213-300F | YELLOW TINTED NON-DIFFUSED | YELLOW TINTED NON-DIFFUSED |

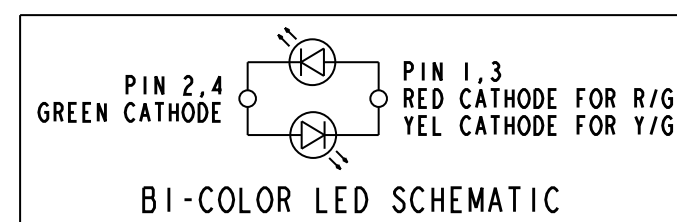
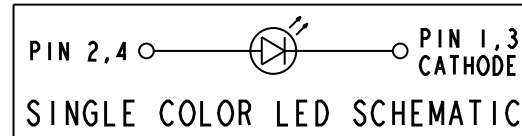
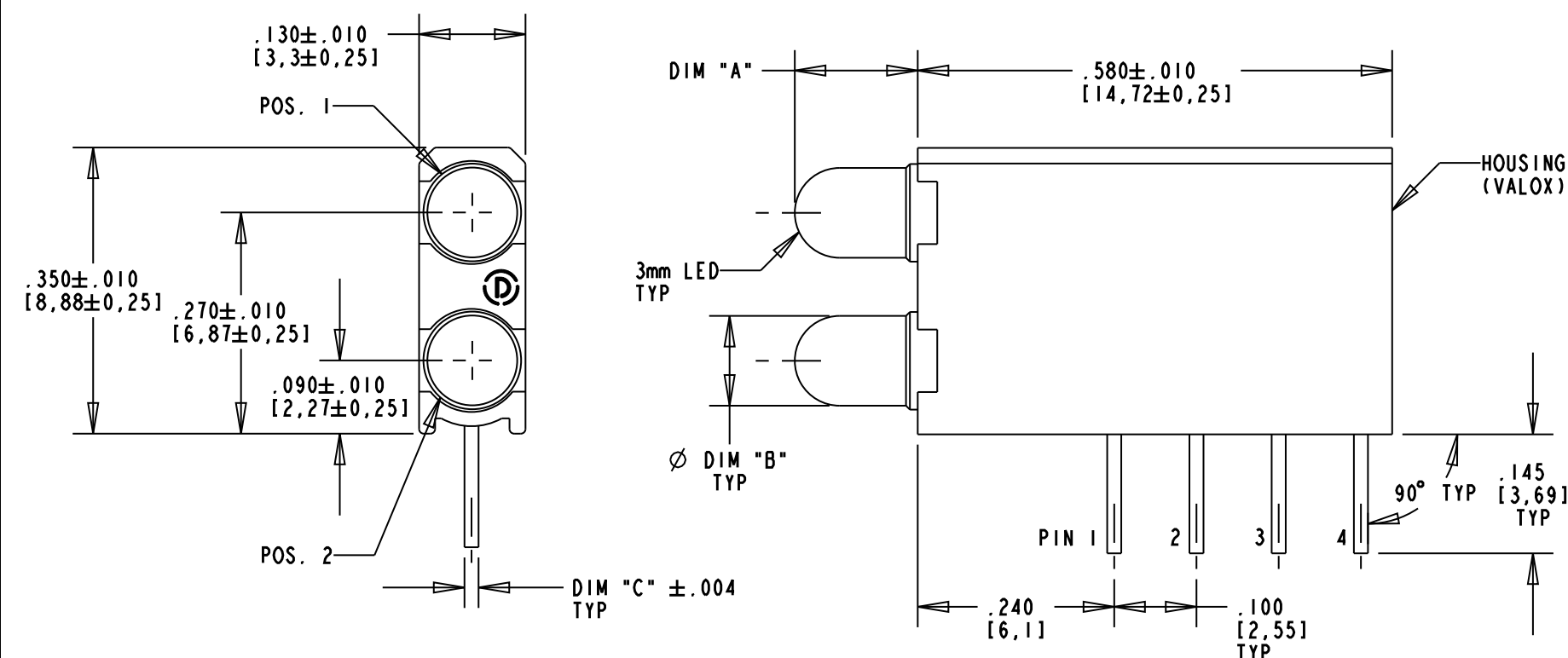
RoHS Compliant 569-XXIX-X00F Bi-Level Thru hole CBI
 Part Numbers with the "F" suffix ending are RoHS Compliant.
 For Example: 569-0112-700F
 The bag packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered, or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

| REV | ECN NO | REVISIONS | DRN | CKD | APP | DATE |
|-----|--------|--|-----|-----|------|----------|
| A | | NEW RELEASE | TWC | MES | N.O. | 12-14-05 |
| B | | ADDED P/N 569-0111-000F; UPDATED ESD NOTATION | TWC | MES | N.O. | 3-1-06 |
| C | | ADDED P/N'S 569-2211-100F, 569-2212-200F, & 569-2213-300F; UPDATED TOLERANCES; ADDED NOTES 3, 4, & 5; ADDED DOM WAVELENGTH. | KLJ | ALV | N.O. | 6-8-09 |
| D | | ADDED P/N 569-0111-300F | AJF | KLJ | NO | 9-22-10 |

| LED COLOR | DIM "A" | DIM "B" | DIM "C" | DIM "D" | OPERATING CHARACTERISTICS AT 25°C AMBIENT | | | | | | | | | | | | | | | |
|--------------------------------|---------|-----------|-------------|-------------|---|-----------|------|-------------------------------------|-----------|---------------------|-----|----------------------|-----|----------------------|--------------------------|-----|-----|----------------------|---------------------|----|
| | | | | | LUMINOUS INTENSITY TEST CONDITION | | | FORWARD VOLTAGE / CURRENT TEST COND | | FORWARD VOLTAGE (V) | | FORWARD CURRENT (mA) | | REVERSE CURRENT (µA) | DOMINANT WAVELENGTH (nm) | | | PEAK WAVELENGTH (nm) | VIEWING ANGLE (DEG) | |
| | | | | | MIN | TYP | MAX | TYP | MAX | TYP | MAX | TYP | MAX | MAX | MIN | TYP | MAX | TYP | TYP | |
| RED TINTED DIFFUSED | .150 | .118±.010 | .018 x .016 | .040 | IF = 10mA | 7.4 | 10 | — | IF = 20mA | 2.0 | 2.8 | — | — | 100 | — | 623 | — | 635 | 60 | |
| GREEN TINTED DIFFUSED | .150 | .118±.010 | .018 x .016 | .040 | IF = 10mA | 4.7 | 12.6 | — | IF = 20mA | 2.1 | 2.8 | — | — | 100 | — | 569 | — | 565 | 60 | |
| YELLOW TINTED DIFFUSED | .150 | .118±.010 | .018 x .016 | .040 | IF = 10mA | 7.4 | 10 | — | IF = 20mA | 2.1 | 2.8 | — | — | 100 | — | 588 | — | 585 | 60 | |
| ORANGE TINTED DIFFUSED | .150 | .115±.010 | .018 SQ. | .040 | IF = 10mA | 3.4 | 7.4 | 10.8 | IF = 10mA | 1.9 | 2.4 | — | — | 100 | 597 | 602 | 620 | 600 | 60 | |
| BLUE; WHITE DIFFUSED | .156 | .110±.005 | .020 SQ. | .043 | IF = 10mA | 7.1 | 12.5 | 18 | IF = 10mA | 3.5 | 4.1 | — | — | 10 | 462 | 465 | 468 | 428 | 70 | |
| RED TINTED DIFFUSED; 2mA LC | .150 | .118±.010 | .018 x .016 | .040 | IF = 2mA | 1.0 | 1.6 | — | IF = 2mA | 1.7 | 2.2 | — | — | 10 | — | 623 | — | 635 | 60 | |
| GREEN TINTED DIFFUSED; 2mA LC | .150 | .118±.010 | .018 x .016 | .040 | IF = 2mA | 1.0 | 1.6 | — | IF = 2mA | 1.9 | 2.2 | — | — | 10 | — | 569 | — | 565 | 60 | |
| YELLOW TINTED DIFFUSED; 2mA LC | .150 | .118±.010 | .018 x .016 | .040 | IF = 2mA | 1.0 | 1.6 | — | IF = 2mA | 1.8 | 2.7 | — | — | 10 | — | 588 | — | 585 | 60 | |
| RED TINTED DIFF; 5V INT RES | .150 | .118±.010 | .018 x .016 | .040 | Vf = 5V | 8.7 | 29 | — | Vf = 5V | — | — | 10 | 20 | 100 | — | 623 | — | 635 | 60 | |
| GREEN TINTED DIFF; 5V INT RES | .150 | .118±.010 | .018 x .016 | .040 | Vf = 5V | 5.6 | 19 | — | Vf = 5V | — | — | 10 | 20 | 100 | — | 569 | — | 565 | 60 | |
| YELLOW TINTED DIFF; 5V INT RES | .150 | .118±.010 | .018 x .016 | .040 | Vf = 5V | 3.7 | 12.6 | — | Vf = 5V | — | — | 10 | 20 | 100 | — | 588 | — | 585 | 60 | |
| R/G BI-COLOR, WHITE DIFFUSED | RED | .150 | .118±.010 | .020 SQ. | .043 | IF = 10mA | 2.5 | 4.7 | — | IF = 20mA | 2.0 | 2.8 | — | — | 100 | — | 621 | — | 635 | 60 |
| | | | | | | | 3.7 | 10 | — | | — | — | — | 100 | — | 569 | — | 565 | 60 | |
| Y/G BI-COLOR, WHITE DIFFUSED | YELLOW | .150 | .118±.010 | .018 x .016 | .040 | IF = 10mA | 2.5 | 4.3 | — | IF = 20mA | 2.1 | 2.8 | — | — | 100 | 583 | 586 | 589 | 585 | 80 |
| | | | | | | | 2.5 | 6.3 | — | | — | — | — | 100 | — | 569 | — | 565 | 80 | |
| RED TINTED NON-DIFFUSED | .150 | .118±.010 | .018 x .016 | .040 | IF = 10mA | 8.7 | 29 | — | IF = 20mA | 2.0 | 2.8 | — | — | 100 | — | 623 | — | 635 | 45 | |
| GREEN TINTED NON-DIFFUSED | .150 | .118±.010 | .018 x .016 | .040 | IF = 10mA | 32 | 50 | — | IF = 20mA | 2.1 | 2.8 | — | — | 100 | — | 569 | — | 565 | 45 | |
| YELLOW TINTED DIFFUSED | .150 | .118±.010 | .018 x .016 | .040 | IF = 10mA | 10 | 30 | 50 | IF = 20mA | 2.1 | 2.8 | — | — | 100 | — | 588 | — | 585 | 45 | |



RECOMMENDED HOLE PATTERN GAUGE

| LED COLOR | ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT | | | | | | | | | |
|--------------------------------|--|------------------------|------------------------|-----------------------|----------------------|----------------------|----------------------------------|-----------------------|---------------------|---------------|
| | POWER DISSIPATION (mW) | CONT. FWD CURRENT (mA) | DC FORWARD VOLTAGE (V) | PEAK FWD CURRENT (mA) | LINEAR DERATION | REVERSE VOLTAGE (V) | SOLDERING TEMPERATURE FOR 5 SEC. | OPERATING TEMPERATURE | STORAGE TEMPERATURE | |
| RED TINTED DIFFUSED | 100 | 30 | — | 120 | 0.4 mA/°C FROM 50°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |
| GREEN TINTED DIFFUSED | 100 | 30 | — | 120 | 0.4 mA/°C FROM 50°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |
| YELLOW TINTED DIFFUSED | 60 | 20 | — | 80 | 0.25 mA/°C FROM 50°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |
| ORANGE TINTED DIFFUSED | 135 | 25 | — | 90 | 0.5 mA/°C FROM 50°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |
| BLUE; WHITE DIFFUSED | 90 | 20 | — | 200 | 0.44 mA/°C FROM 50°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |
| RED TINTED DIFFUSED; 2mA LC | 20 | 7 | — | 500 | 0.7 mA/°C FROM 90°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |
| GREEN TINTED DIFFUSED; 2mA LC | 20 | 7 | — | 500 | 0.7 mA/°C FROM 90°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |
| YELLOW TINTED DIFFUSED; 2mA LC | 20 | 7 | — | 500 | 0.7 mA/°C FROM 90°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |
| RED TINTED DIFF; 5V INT RES | — | — | 7.5 | — | 0.086 V/°C FROM 50°C | 5 | 260 °C | -40°C /+85°C | -55°C /+100°C | |
| GREEN TINTED DIFF; 5V INT RES | — | — | 7.5 | — | 0.086 V/°C FROM 50°C | 5 | 260 °C | -40°C /+85°C | -55°C /+100°C | |
| YELLOW TINTED DIFF; 5V INT RES | — | — | 7.5 | — | 0.086 V/°C FROM 50°C | 5 | 260 °C | -40°C /+85°C | -55°C /+100°C | |
| R/G BI-COLOR, WHITE DIFFUSED | 100 | 30 | — | 120 | 0.4 mA/°C FROM 50°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |
| | Y/G BI-COLOR, WHITE DIFFUSED | 60 | 20 | — | 80 | 0.25 mA/°C FROM 50°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C |
| RED TINTED NON-DIFFUSED | 100 | 30 | — | 120 | 0.4 mA/°C FROM 50°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |
| GREEN TINTED NON-DIFFUSED | 100 | 30 | — | 120 | 0.4 mA/°C FROM 50°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |
| YELLOW TINTED DIFFUSED | 60 | 20 | — | 80 | 0.25 mA/°C FROM 50°C | 5 | 260 °C | -55°C /+100°C | -55°C /+100°C | |

NOTES

- DIALIGHT PART NUMBER: 569-XXIX-X00F
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.

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: 5.000 | DRAWING NUMBER | REV |
| ALL DIM'S IN: INCHES (MM) | C-17339 | D |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED | TITLE | |
| FRACTIONS: ±1/64 | BI-LEVEL CBI | |
| DECIMALS (.XX): ±.02 | RoHS COMPLIANT | |
| DECIMALS (.XXX): ±.015 | MATERIAL | |
| ANGLES: ±3° | | |
| FINISH: | Dialight | 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 |
| FSCM 83330 | SHEET 1 OF 1 | FAMILY TABLE: |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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