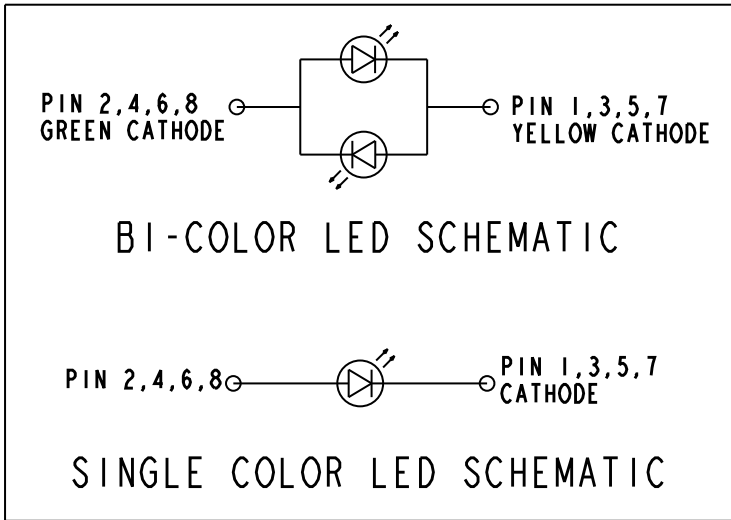
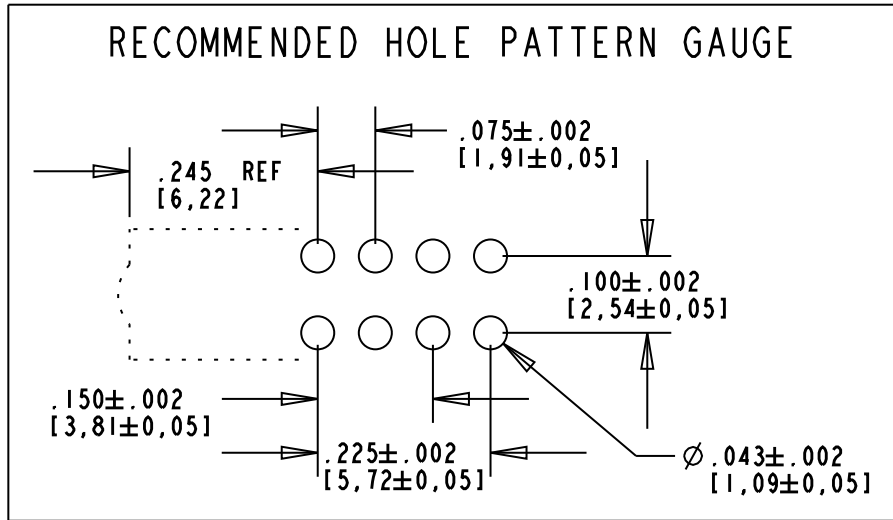


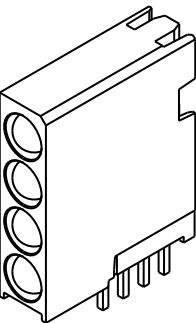
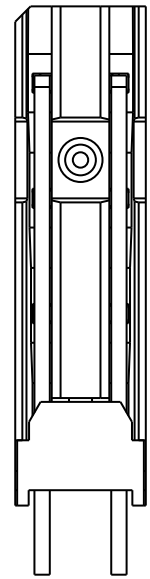
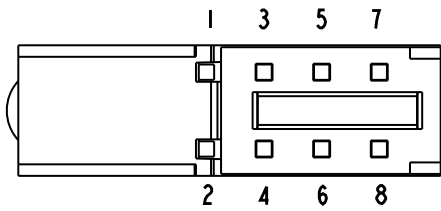
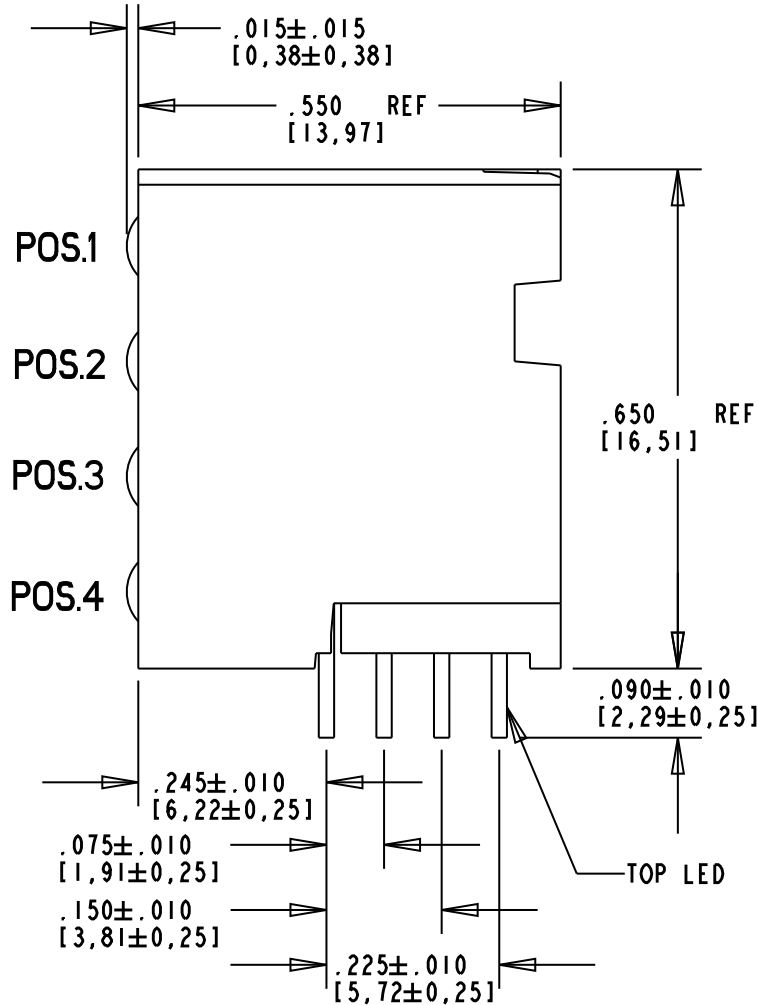
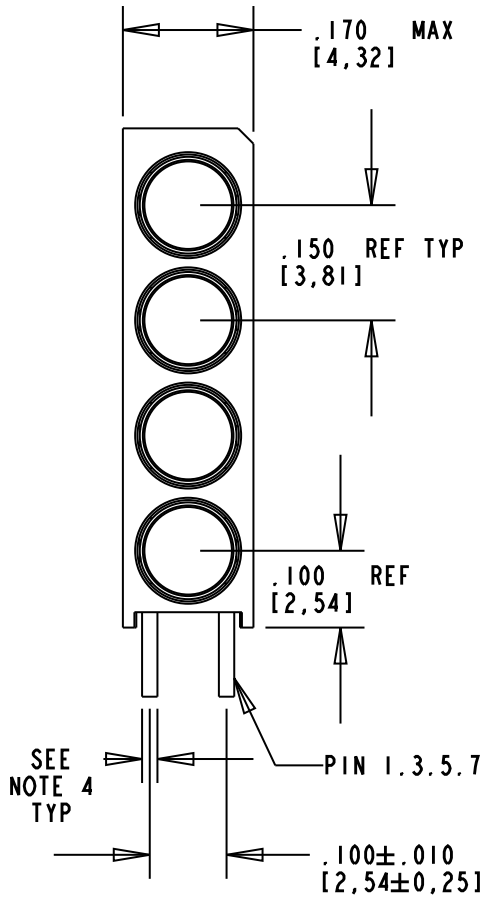
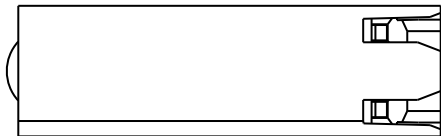
PART NUMBER	LED COLOR			
	POSITION 1	POSITION 2	POSITION 3	POSITION 4
568-2231-110F	RED NON-DIFFUSED	RED NON-DIFFUSED	RED NON-DIFFUSED	** BLANK **
568-2231-111F	RED NON-DIFFUSED	RED NON-DIFFUSED	RED NON-DIFFUSED	RED NON-DIFFUSED
568-2231-131F	RED NON-DIFFUSED	RED NON-DIFFUSED	YELLOW NON-DIFFUSED	RED NON-DIFFUSED
568-2231-310F	RED NON-DIFFUSED	YELLOW NON-DIFFUSED	RED NON-DIFFUSED	** BLANK **
568-2231-311F	RED NON-DIFFUSED	YELLOW NON-DIFFUSED	RED NON-DIFFUSED	RED NON-DIFFUSED
568-2231-222F	RED NON-DIFFUSED	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED
568-2231-322F	RED NON-DIFFUSED	YELLOW NON-DIFFUSED	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED
568-2232-110F	GREEN NON-DIFFUSED	RED NON-DIFFUSED	RED NON-DIFFUSED	** BLANK **
568-2232-121F	GREEN NON-DIFFUSED	RED NON-DIFFUSED	GREEN NON-DIFFUSED	RED NON-DIFFUSED
568-2232-131F	GREEN NON-DIFFUSED	RED NON-DIFFUSED	YELLOW NON-DIFFUSED	RED NON-DIFFUSED
568-2232-210F	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED	RED NON-DIFFUSED	** BLANK **
568-2232-222F	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED
568-2232-323F	GREEN NON-DIFFUSED	YELLOW NON-DIFFUSED	GREEN NON-DIFFUSED	YELLOW NON-DIFFUSED
568-2233-120F	YELLOW NON-DIFFUSED	RED NON-DIFFUSED	GREEN NON-DIFFUSED	** BLANK **
568-2233-322F	YELLOW NON-DIFFUSED	YELLOW NON-DIFFUSED	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED
568-2233-333F	YELLOW NON-DIFFUSED	YELLOW NON-DIFFUSED	YELLOW NON-DIFFUSED	YELLOW NON-DIFFUSED
568-2234-323F	YELLOW / GREEN	YELLOW NON-DIFFUSED	GREEN NON-DIFFUSED	YELLOW NON-DIFFUSED
568-2239-999F	BLUE NON-DIFFUSED	BLUE NON-DIFFUSED	BLUE NON-DIFFUSED	BLUE NON-DIFFUSED

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8.7	29		mcd	I _r = 10 mA
	GREEN	32	50			
	YELLOW	10		50		I _r = 20 mA
	BLUE	110		310		
FORWARD VOLTAGE	RED		2.0	2.8	V	I _r = 20 mA
	GREEN		2.1	2.8		
	YELLOW		2.1	2.8		
	BLUE		3.5	4.0		
REVERSE CURRENT	RED		100		µA	V _r = 5 V
	GREEN		100			
	YELLOW		100			
	BLUE			10		
DOMINANT WAVELENGTH	RED		—		nm	
	GREEN		—			
	YELLOW		—			
	BLUE	460	464	480		
PEAK WAVELENGTH	RED		635		nm	
	GREEN		565			
	YELLOW		585			
	BLUE		470			
VIEWING ANGLE	ALL		45		Degree	
CAPACITANCE	RED		20		pf	V _r = 0, f = 1 MHz
	GREEN		35			
	YELLOW		15			
	BLUE		—			

LED COLOR = YELLOW / GREEN BI-COLOR						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN	2.5	6.3		mcd	I _r = 10 mA
	YELLOW	2.5	4.3			
FORWARD VOLTAGE	GREEN		2.1	2.8	V	I _r = 20 mA
	YELLOW					
PEAK WAVELENGTH	GREEN		565		nm	
	YELLOW		585			
DOMINANT WAVELENGTH	GREEN		569		nm	MEASURED ON EXELTRON 2001
	YELLOW	583		589		
VIEWING ANGLE			80		Degree	
CAPACITANCE	GREEN		35		pf	V _r = 0, f = 1 MHz
	YELLOW		15			



ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	UNITS	RED	GREEN	YELLOW	Y/G BI-COLOR		BLUE
POWER DISSIPATION	mW	100	100	60	60	100	140
FORWARD DC CURRENT	mA	30	30	20	20	30	30
LINEAR DERATION FROM 50°C / 25°C FOR BLUE	mA/°C	0.4	0.4	0.25	0.25	0.4	0.32
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1ms PULSE WIDTH)	mA	120	120	80	80	120	100
OPERATING TEMPERATURE	°C	-55 TO +100					-35 TO +85
STORAGE TEMPERATURE	°C	-55 TO +100					-35 TO +85
LEAD SOLDERING TEMPERATURE, 5 SEC, 1/16" FROM BODY	°C	260					



SCALE 2.000



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

NOTES:

- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN.
- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING.
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- LED LEAD THICKNESS:
BLUE = .022 MAX/.016 MIN SO.
OTHER = .018 X .016
- WHEN A ZERO APPEARS IN THE LAST 3 DIGITS OF THE PART NUMBER NO LAMP IS REQUIRED IN THAT POSITION.
- DIALIGHT PART NUMBERS: 568-223X-XXXF
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TWC	TC	N.O.	7-7-05
B	—	ADDED P/N 568-2239-999F, ADDED ABSOLUTE MAX. RATINGS, CHANGED NOTE 4, REMOVED NOTE 6, NOTE 6 WAS NOTE 7, ADDED NOTE 7, ADDED RoHS COMPLIANT SPECIFICATION NOTE.	KLJ	N.O.	MES	12-17-07
C	—	UPDATED BLUE LED SPECS	KLJ	NO	MES	2-7-08
D	—	ADDED P/N 568-2233-322F	AJF	KLJ	NO	8-24-10

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SCALE: 4.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17263	D
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 4x1 CBI BLOCK - .150 PITCH	
FRACTIONS: ±1/64	RoHS COMPLIANT	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH:		
FSCM 83330	Dialight	
	1501 ROUTE 34 SOUTH	
	FARMINGDALE, NJ 07727	
SHEET 1 OF 1	FAMILY TABLE:	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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