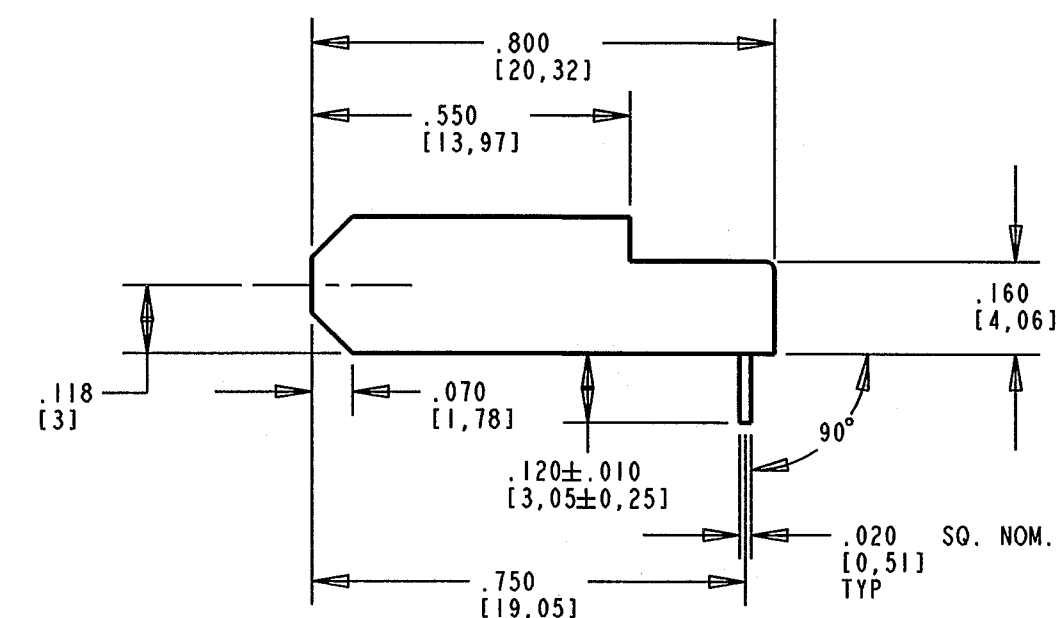
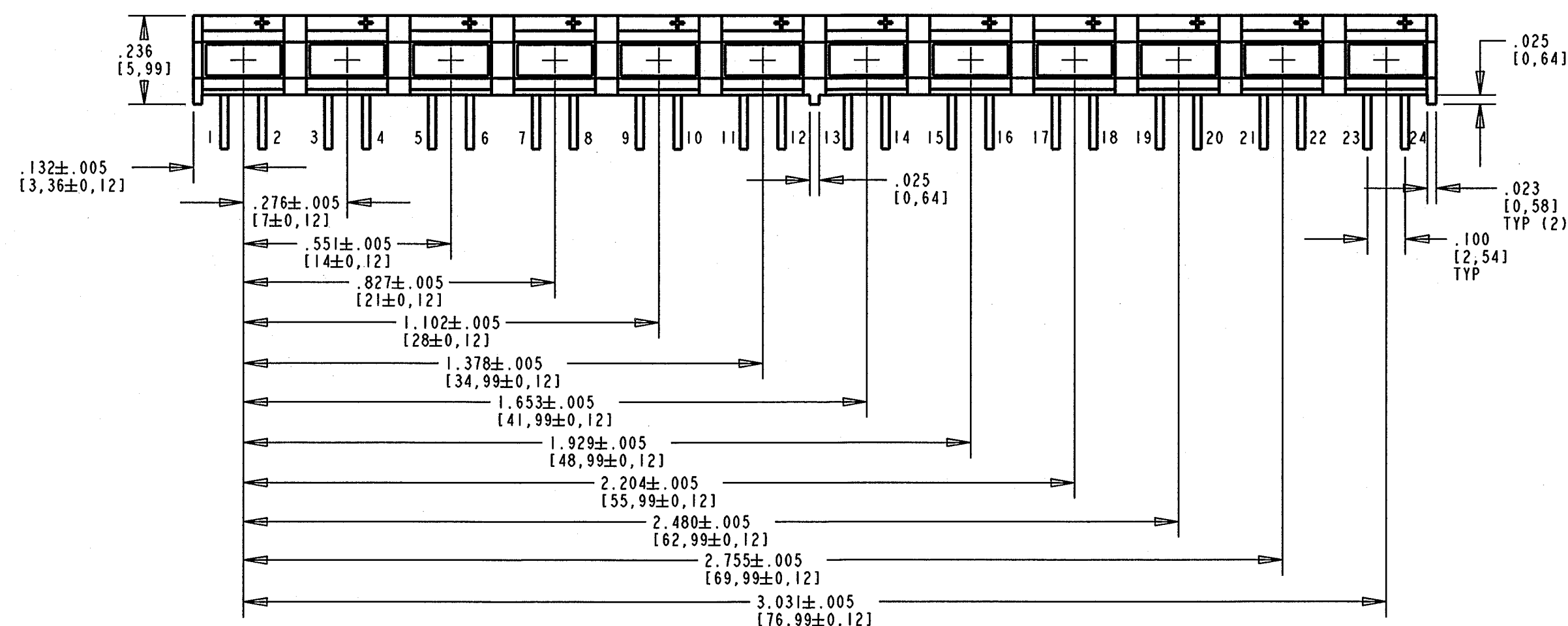
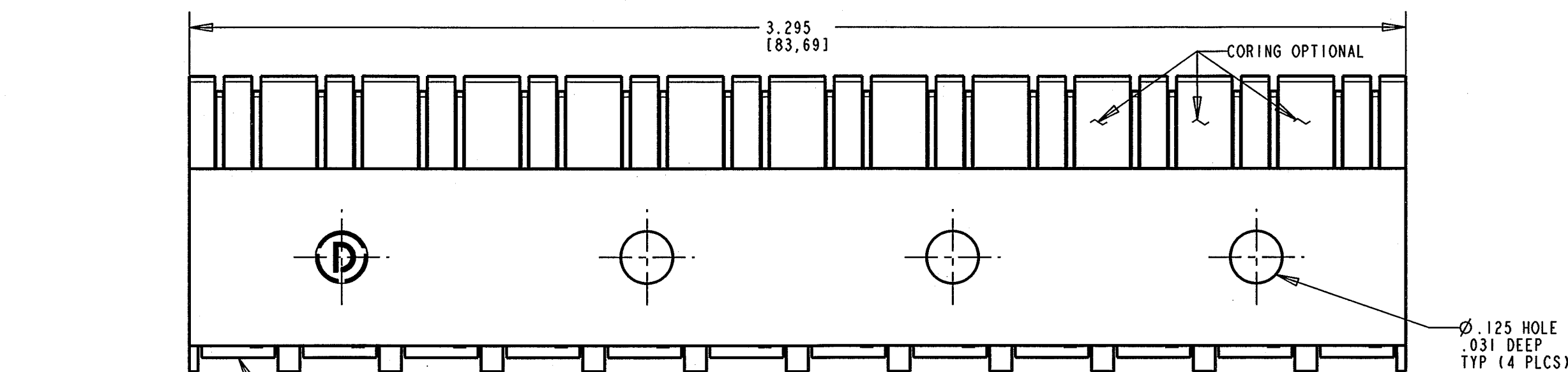


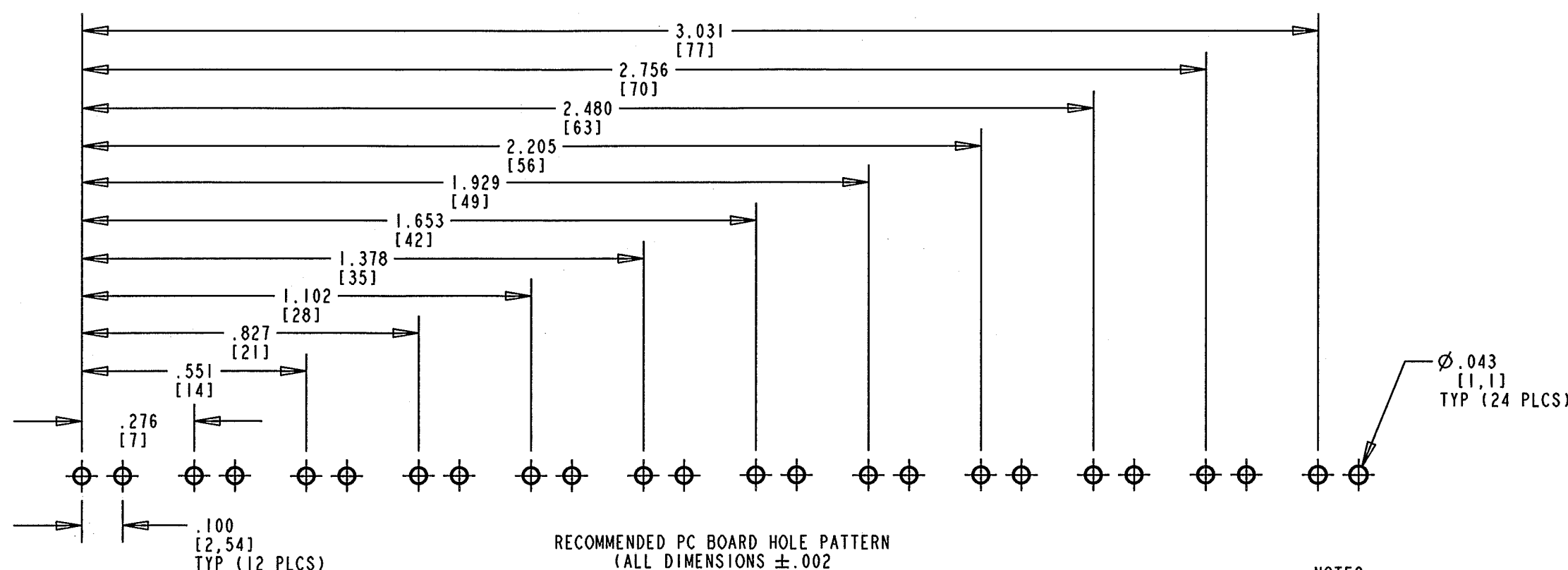
DIALIGHT PART NUMBER	COLOR
566-0208F	GREEN DIFFUSED
566-0308F	YELLOW DIFFUSED
566-0408F	RED DIFFUSED

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	KLJ	7/8/04	7/8/04	7/8/04



ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	UNITS	RED	YELLOW	GREEN
POWER DISSIPATION	mW	100	60	100
DERATE LINEARLY FROM 50°C	mW/°C	0.4	0.25	0.4
CONTINUOUS FORWARD CURRENT	mA	30	20	30
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1ms PULSE WIDTH)	mA	120	80	120
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260		
OPERATING TEMPERATURE	°C	-55 TO +100		
STORAGE TEMPERATURE	°C	-55 TO +100		

OPERATING CHARACTERISTICS AT TA=25°C						
SYMBOL	PARAMETER	COLOR	MIN.	TYP.	MAX.	UNITS
V _F	FORWARD VOLTAGE	RED		2.0	2.8	V
		YELLOW		2.1	2.6	
		GREEN		2.1	2.6	
V _R		ALL		5		V
λ _{pk}	PEAK WAVELENGTH	RED		635		nm
		YELLOW		585		
		GREEN		565		
I _v	LUMINOUS INTENSITY	RED	3.0	7.4		mcd
		YELLOW	2.2	7.4		
		GREEN	2.2	7.4		



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

NOTES:

- 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.
- DIALIGHT PART NUMBERS: 566-0208F, 566-0308F, 566-0408F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

RoHS COMPLIANT 566-0X08F

Part Numbers with the "F" suffix ending are RoHS Compliant.
For example: 566-0208F
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.



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SCALE: 3.000		DRAWING NUMBER		REV
ALL DIM'S IN: INCHES (MM)		C-17605		A
TOLERANCES: UNLESS OTHERWISE SPECIFIED		TITLE 2mm x 5mm RECTANGULAR LED CBI-12 LED ARRAY; RoHS COMPLIANT		
FRACTIONS: ±1/64		MATERIAL		
DECIMALS (.XX): ±.02				
DECIMALS (.XXX): ±.015				
DECIMALS (.XXXX): ±.0005				
ANGLES: ±3°				
FINISH:		Dialight		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330				
SHEET 1 OF 1		FAMILY TABLE:		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

[566-0308F](#) [566-0408F](#) [566-0208F](#)