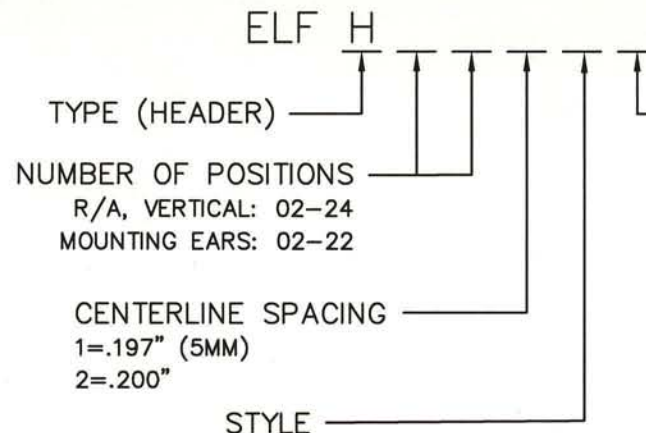


# ELFH SERIES PART NUMBERING SCHEME

REV	ECN	APPD
A	3730	JEC 4/12/99
B	3865	JEC 11/9/99
C	3899	JEC 1/4/00
D	4295	IQ 2/7/01
E	4711	IQ 1/8/02
F	4821	IQ 4/4/02
G	5071	IQ 12/04/02
H	5178	IQ 3/20/03
I	5742	PN 12/28/05



## OPTIONS

### COLOR/PLATING

0=BLACK, TIN (STANDARD)  
 1=BLACK, SELECTIVE GOLD  
 G=GREEN, TIN  
 1G=GREEN, SEL. GOLD

### MOUNTING EARS

0E= FLUSH MOUNT BLACK, TIN  
 1E= FLUSH MOUNT BLACK, SEL. GOLD  
 GE= FLUSH MOUNT GREEN, TIN  
 EG= FLUSH MOUNT GREEN, SEL. GOLD

### CONSULT PCD FOR PART NO. AND AVAILABILITY OF FOLLOWING OPTIONS:

- CUSTOM COLORS
- CUSTOM MARKING
- CUSTOM KEYING
- SELECTIVE CONTACT LOADING



## RATINGS

CURRENT — 15A  
 VOLTAGE — 300V  
 U.L. FILE NO. E83421



## RATINGS

CURRENT — 15A  
 VOLTAGE — 300V  
 CSA FILE NO. LR69703

RIGHT ANGLE  
 1=CLOSED ENDS  
 2=OPEN ENDS  
 3=CLOSED ENDS;  
 HIGH TEMP. \*  
 4=OPEN ENDS;  
 HIGH TEMP. \*

VERTICAL  
 5=CLOSED ENDS  
 6=OPEN ENDS  
 8=CLOSED ENDS;  
 HIGH TEMP. \*  
 9=OPEN ENDS;  
 HIGH TEMP. \*

DIN VDE 0627:1986  
 DIN VDE 0110-1:1989  
 EN 60947-1:1991  
 EN 60947-7-1:1992

CURRENT — 15A  
 VOLTAGE — 300 V  
 TUV FILE NO. 20396

\* HIGH TEMP. MATERIAL WILL  
 WITHSTAND COMPONENT EQUILIBRIUM  
 TEMPERATURES OF 260°C FOR 3 MINUTES  
 DURING THE SOLDERING PROCESS

OPERATING TEMPERATURE RANGE:  
 -40°C — 105°C

### MATERIALS:

HOUSING: PBT, UL 94 V-0; STANDARD TEMP.  
 \*NYLON 46, UL 94 V-0; HIGH TEMP.

CONTACT: BRASS

PLATING: TIN, 200 MICROINCH  
 GOLD, 30 MICROINCH

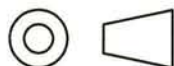
## DIMENSIONS

ANSI Y14.5M  
 UNITS: INCHES  
 ACAD FILE

## TOLERANCES

.XX ±.01  
 .XXX ±.005  
 ANGLES ±2°

## PROJECTION



## Amphenol Pcd

### SPECIFICATION DRAWING

ENGR  
 J. WILKINSON 11/8/98

CHKD  
 A. PATRIE 12/4/98

APPD  
 J. CAHALY 12/11/98

## TITLE

ELFH SERIES  
 HEADER ASSEMBLY

ORIGINAL  
 STAMPED  
 IN RED

THIS DOCUMENT CONTAINS  
 PROPRIETARY INFORMATION WHICH  
 IS THE CONFIDENTIAL PROPERTY  
 OF AMPHENOL PCD INC. PEABODY, MA

## SIZE

A

## DWG NO.

ELFH02110

## REV

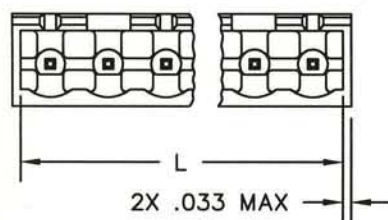
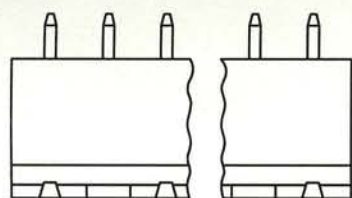
I

CODE: 58982

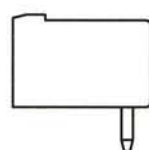
SCALE: NONE

SHEET 1 OF 2

# CLOSED ENDS



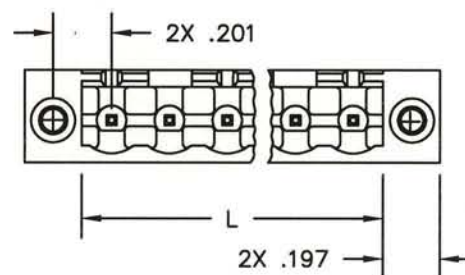
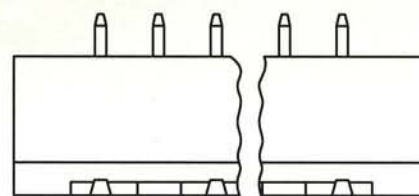
VERTICAL



RIGHT ANGLE

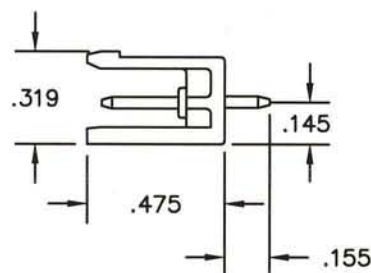
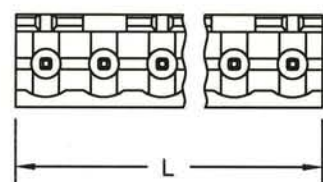
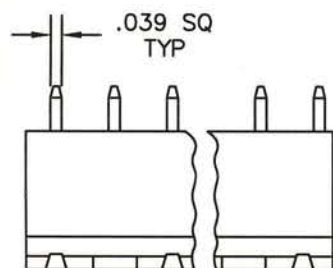
$$L = (\text{NUM OF POS} \times \text{CL SPACING}) + .006$$

# MOUNTING EARS

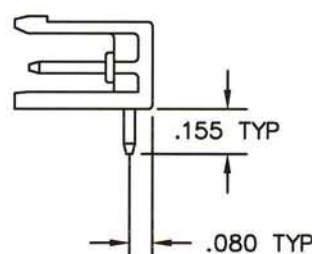


$$L = (\text{NUM OF POS} \times \text{CL SPACING}) + .006$$

# OPEN ENDS



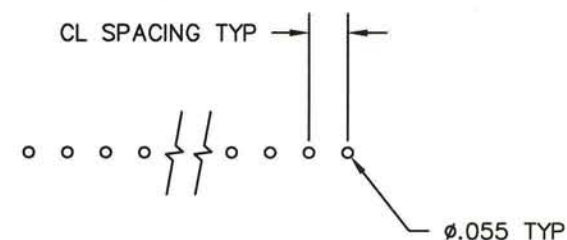
VERTICAL



RIGHT ANGLE

$$L = \text{NUM OF POS} \times \text{CL SPACING}$$

# PRINTED CIRCUIT BOARD CONFIGURATION



RECOMMENDED PCB THICKNESS: .062±.008

SIZE	DWG NO.	REV
A	ELFH02110	I
CODE: 58982	SCALE: NONE	SHEET 2 OF 2

# Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[ELFH10280](#)