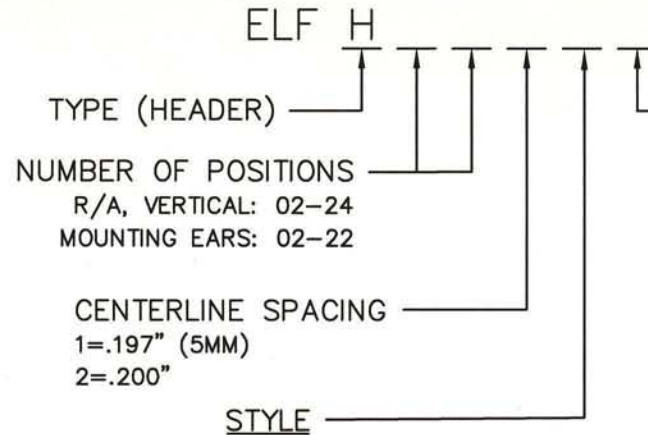


# ELFH SERIES PART NUMBERING SCHEME

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	<i>DN 12/28/05</i>



- |                                |                                |
|--------------------------------|--------------------------------|
| <b>RIGHT ANGLE</b>             | <b>VERTICAL</b>                |
| 1=CLOSED ENDS                  | 5=CLOSED ENDS                  |
| 2=OPEN ENDS                    | 6=OPEN ENDS                    |
| 3=CLOSED ENDS;<br>HIGH TEMP. * | 8=CLOSED ENDS;<br>HIGH TEMP. * |
| 4=OPEN ENDS;<br>HIGH TEMP. *   | 9=OPEN ENDS;<br>HIGH TEMP. *   |

### OPTIONS

#### COLOR/PLATING

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

#### MOUNTING EARS

- OE= 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

**RU**  
RATINGS

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

**SP**  
RATINGS

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

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

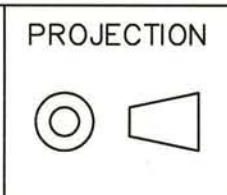
\* HIGH TEMP. MATERIAL WILL WITHSTAND COMPONENT EQUILIBRIUM TEMPERATURES OF 260°C FOR 3 MINUTES DURING THE SOLDERING PROCESS

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°



**Amphenol Pcd**  
SPECIFICATION DRAWING

ENGR  
J. WILKINSON 11/8/98

*TITLE*

ELFH SERIES  
HEADER ASSEMBLY

ORIGINAL  
STAMPED  
IN RED

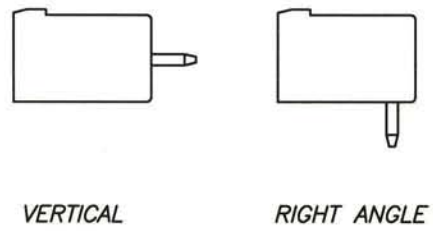
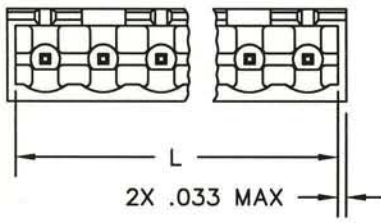
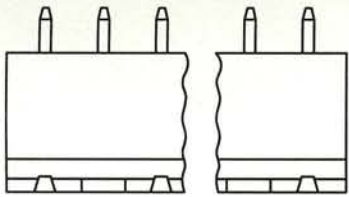
*THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD INC. PEABODY, MA*

CHKD  
A. PATRIE 12/4/98

APPD  
J. CAHALY 12/11/98

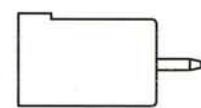
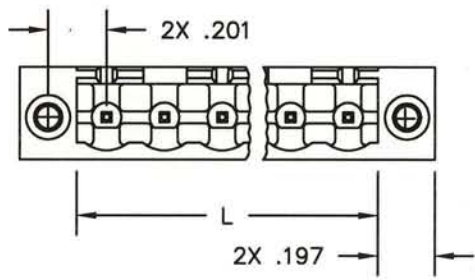
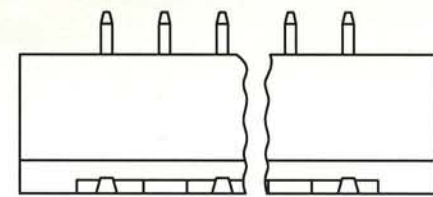
SIZE A	DWG NO. ELFH02110	REV I
CODE: 58982	SCALE: NONE	SHEET 1 OF 2

CLOSED ENDS



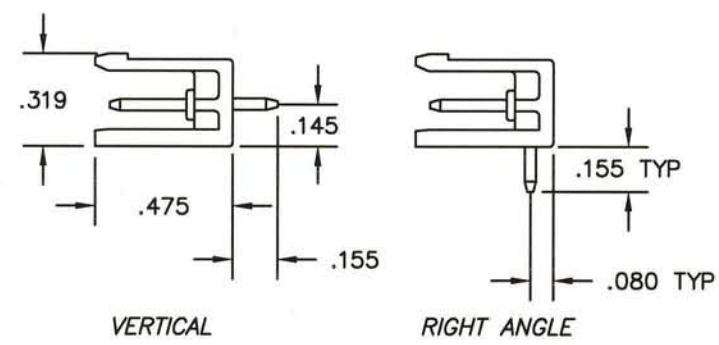
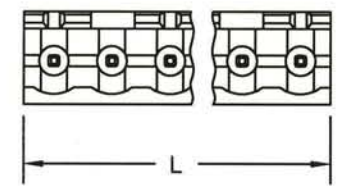
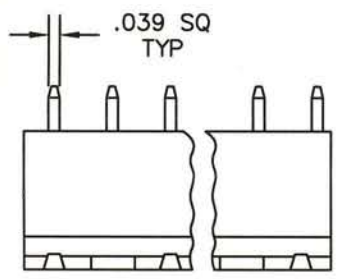
$$L = (\text{NUM OF POS} \times \text{CL SPACING}) + .006$$

MOUNTING EARS



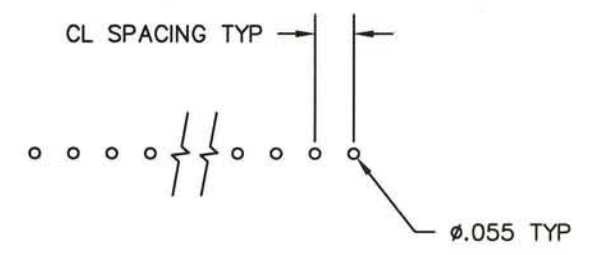
$$L = (\text{NUM OF POS} \times \text{CL SPACING}) + .006$$

OPEN ENDS



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

PRINTED CIRCUIT BOARD CONFIGURATION



RECOMMENDED PCB THICKNESS: .062±.008

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