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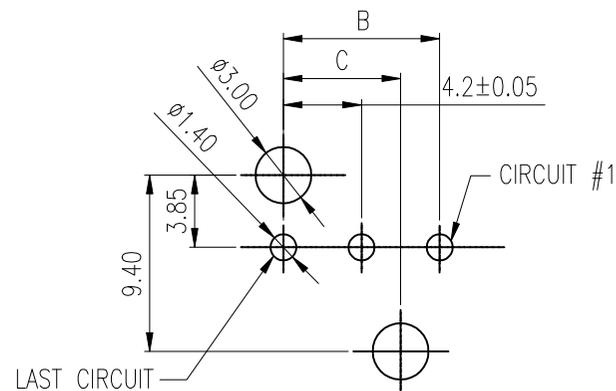
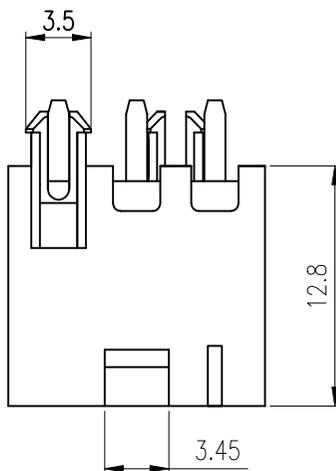
Amphenol  
FCI

A

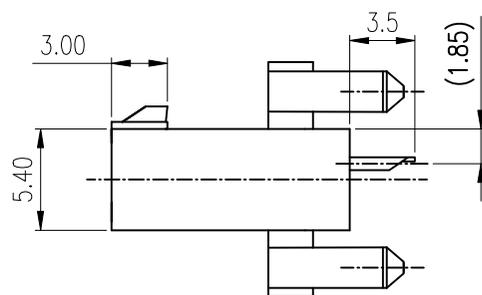
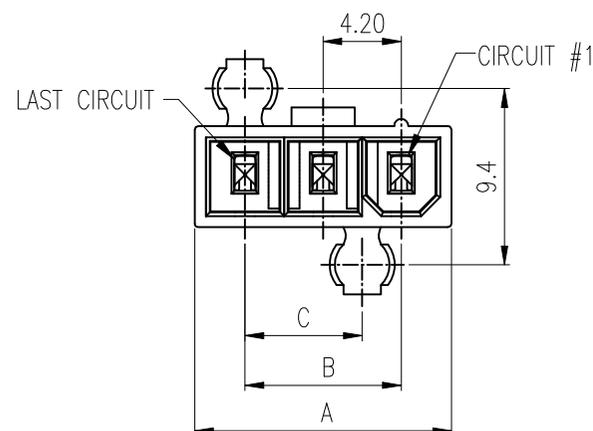
B

C

D



RECOMMENDED PCB LAYOUT  
(PCB THK=1.0~1.6)  
TOLERANCE: ±0.05



NOTES:  
1.HOUSING:

MATERIAL:-SEE PART NO. SCHEME,UL94V0,HALOGEN FREE.  
COLOUR:-SEE PART NO. SCHEME.

2.CONTACT:

MATERIAL: HIGH CONDUCTIVITY COPPER ALLOY.  
PLATING: 50u" Min. SEMI BRIGHT Ni UNDER PLATED.  
OPTIONAL PLATING ON CONTACT AREA.

3.REFER GS-20-0401 APPLICATION SPEC FOR MATING CONNECTOR.

4.PRODUCT SPECIFICATION: GS-12-1333.

5.PACKAGE SPECIFICATION: GS-14-2362.

6.APPLICATION SPECIFICATION: GS-20-0401

7.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C  
PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE  
SOLDER APPLICATION WITH A 1.6mm MINIMUM THICK  
CIRCUIT BOARD. (FOR NYLON)

8.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C  
PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW  
OVEN. (FOR LCP ONLY)

9.THIS LF PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND  
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004

PART NUMBER SCHEME:

10137785- XX X X X X X LF

NO OF POS. \_\_\_\_\_

03: 3 POS.

05: 5 POS.

LEAD FREE

BLANK: NO CAP, TRAY PACKAGE

C: WITH CAP, TAPE/REEL PACKAGE

T: NO CAP, TAPE/REEL PACKAGE

POST

1. WITH POSTS

2. NO POST

HSG MATERIAL/GLOW WIRE COMPATIBLE

1. NYLON, COMPATIBLE

2. NYLON, NON COMPATIBLE

3. LCP, COMPATIBLE

4. LCP, NON COMPATIBLE

PLATING

1. 100u" MATTE TIN OVERALL

2. GOLD FLASH OVERALL

3. 15u" Au, ON CONTACT AREA,  
100u" MATTE TIN ON SOLDER TAIL

4. 30u" Au, ON CONTACT AREA,  
100u" MATTE TIN ON SOLDER TAIL

HSG COLOR

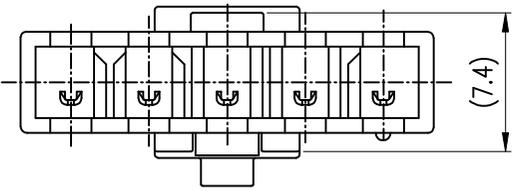
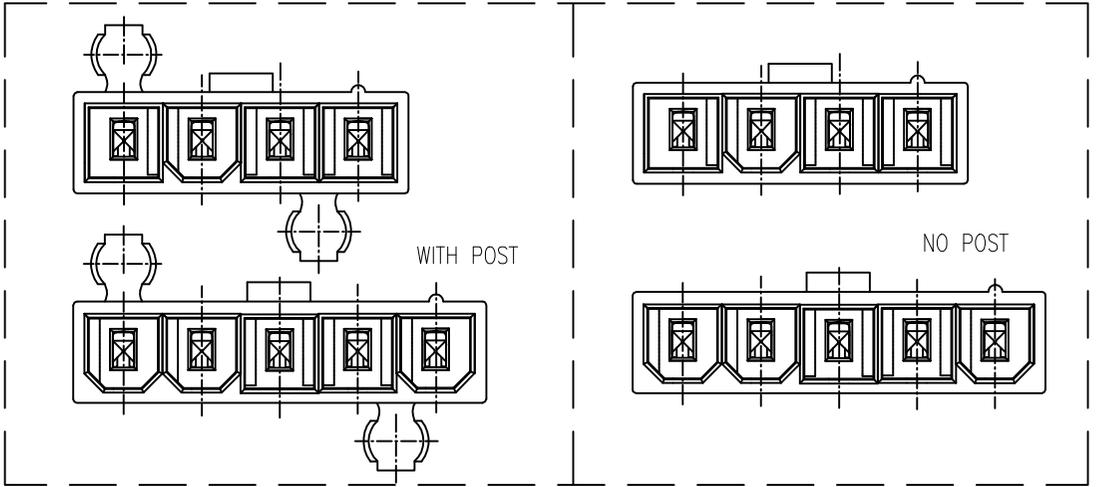
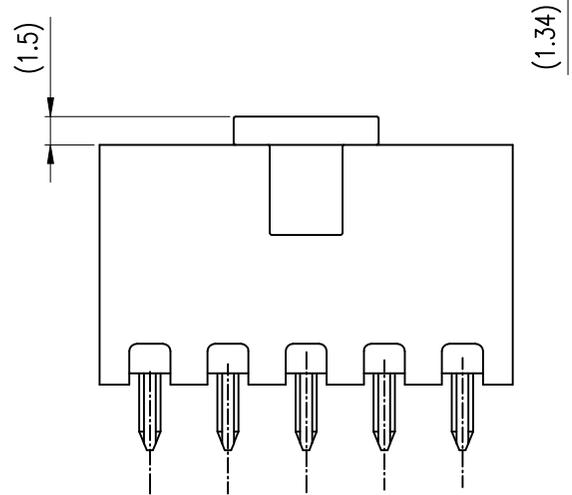
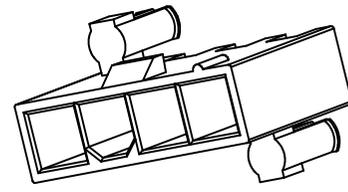
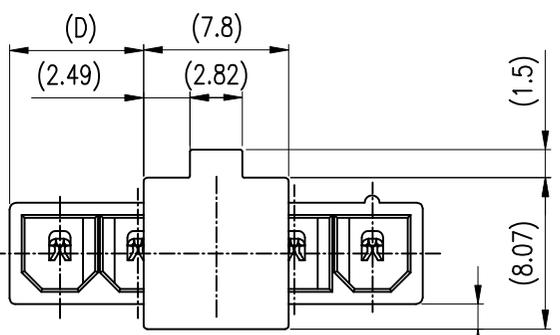
1. NATURAL

2. BLACK (NOT AVAILABLE FOR HSG MATERIAL OPTION 1)

PART NO.	POS.	A	B	C	D
10137785-03XXXXXLF	03	13.8	8.4	6.3	3
10137785-04XXXXXLF	04	18.0	12.6	10.5	5.1
10137785-05XXXXXLF	05	22.2	16.8	14.7	7.2

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302	ISO 406	ISO 406	ISO 1101			MINITEK PWR4.2	
A	ecn no	dr	date	tolerances unless otherwise specified		title			
B	ELX-N-27290	TONY	2017-06-22	angles	linear	mm		SINGLE ROW V/T DIP HCC HEADER	
C	ELX-N-28832	TONY	2017-12-18	X'±2'		scale N.T.S		MINITEK PWR4.2	
D	ELX-N-32270	TONY	2018-12-27	dr	KENNY TAI	2014-08-12		dwg no	
E	ELX-I-43510	SONY	2023-01-09	engr	SONY	2023-01-09		sheet 1 of 2	
				chr	SONY	2023-01-09		size	
				appd	MITHUN	2023-01-09		A3	
sheet index		revision sheet	E	E				type Product Customer Drawing	
		1	2						

WITH CAP & NO POST



Amphenol FCI

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mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection mm		product family MINITEK PWR4.2	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title SINGLE ROW V/T DIP HCC HEADER MINITEK PWR4.2	
				angles	linear	mm		dwg no	
				x'±2'		scale N.T.S		sheet 2 of 2	
				dr	KENNY TAI	2014-08-12		size	
				engr	SONY	2023-01-09		A3	
				chr	SONY	2023-01-09		10137785	
				appd	MITHUN	2023-01-09		type Product Customer Drawing	
sheet	revision	E	E						
index	sheet	1	2						