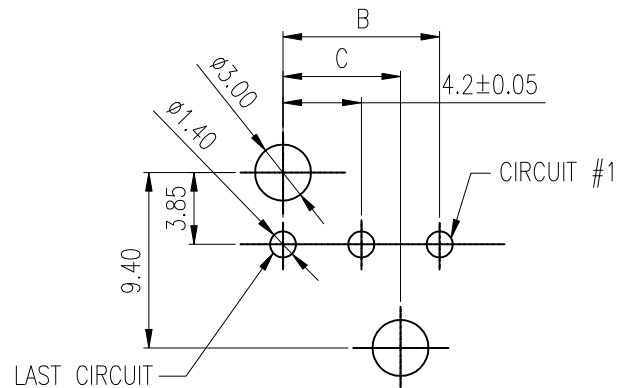
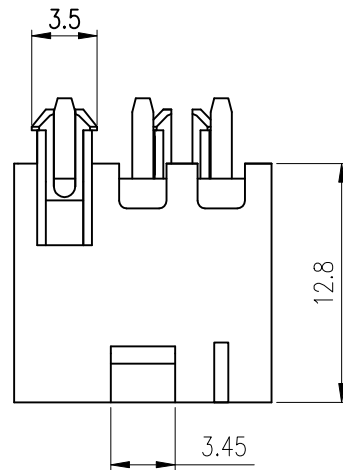
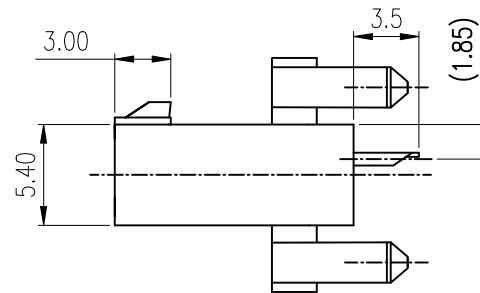
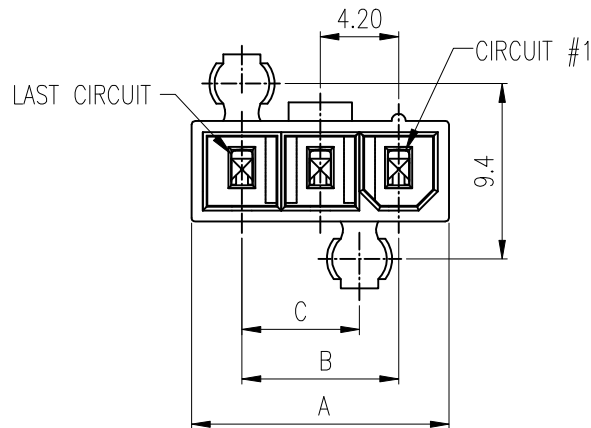




RECOMMENDED PCB LAYOUT
(PCB THK=1.0~1.6)
TOLERANCE: ± 0.05



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

- 100u" MATTE TIN OVERALL
- GOLD FLASH OVERALL
- 15u" Au, ON CONTACT AREA,
100u" MATTE TIN ON SOLDER TAIL
- 30u" Au, ON CONTACT AREA,
100u" MATTE TIN ON SOLDER TAIL

HSG COLOR

- NATURAL
- 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 1101		MINITEK PWR4.2		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
A		TAI	2015-11-19	angles	linear				
B	ELX-N-27290	TONY	2017-06-22			mm	SINGLE ROW V/T DIP HCC HEADER MINITEK PWR4.2		
C	ELX-N-28832	TONY	2017-12-18	X'±2'		scale N.T.S			
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			
				chr	SONY	2023-01-09	sheet 1 of 2		
				appd	MITHUN	2023-01-09			
sheet index				revision	E	E	10137785		
				sheet	1	2			
							type Product Customer Drawing		

1

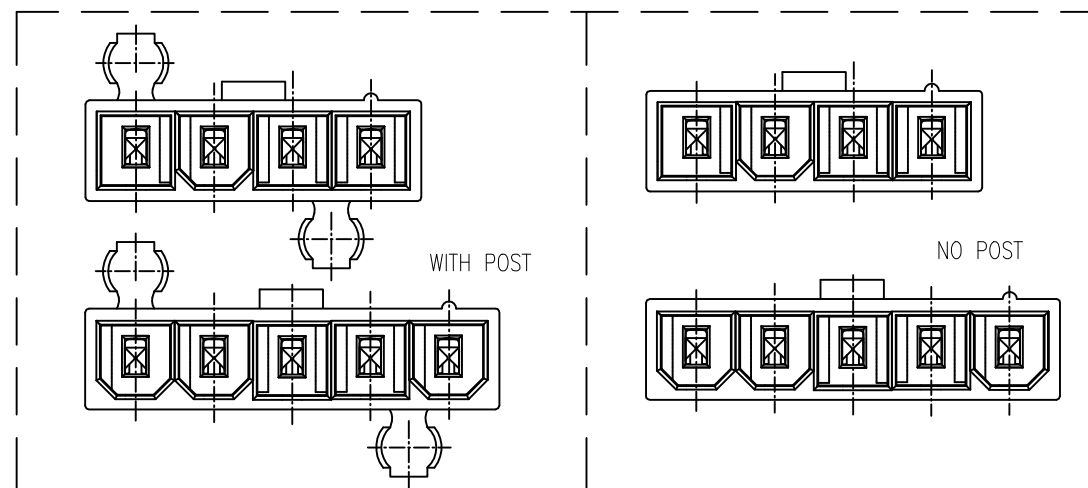
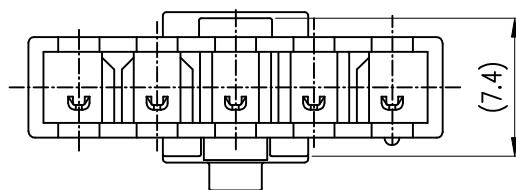
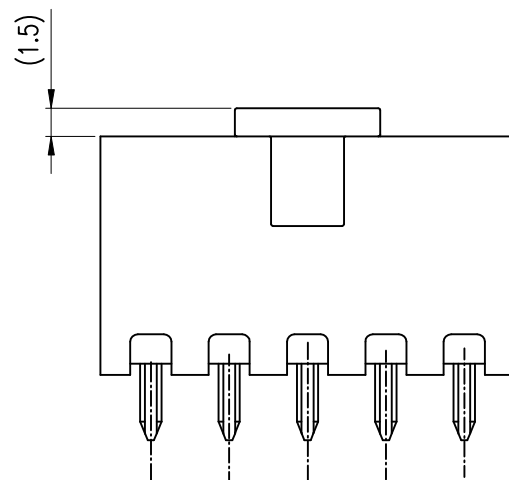
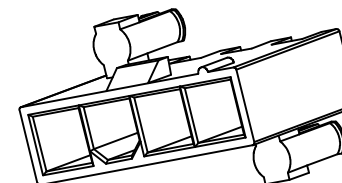
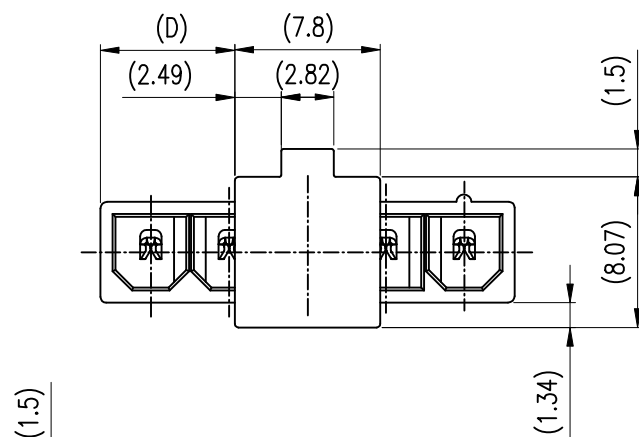
2 3

4

5

6

WITH CAP & NO POST



mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family MINITEK PWR4.2					
ltr ecn no dr date				tolerances unless otherwise specified						title					
				angles linear		X.X±0.3				SINGLE ROW V/T DIP HCC HEADER MINITEK PWR4.2					
						X.XX±0.20									
				X'±2'				scale		N.T.S.					
				dr		KENNY TAI		2014-08-12		dwg no		sheet 2 of 2		size	
				engr		SONY		2023-01-09				10137785		A3	
				chr		SONY		2023-01-09							
				appd		MITHUN		2023-01-09							
sheet index		revision sheet		E	E										
				1	2										

PDS: Rev :E

STATUS: Released

Printed: Mar 09, 2023