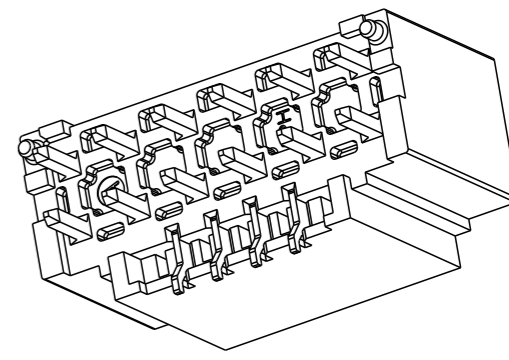
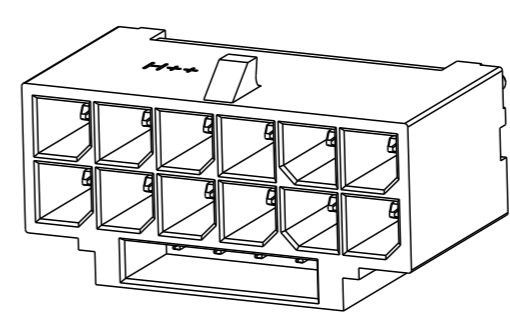
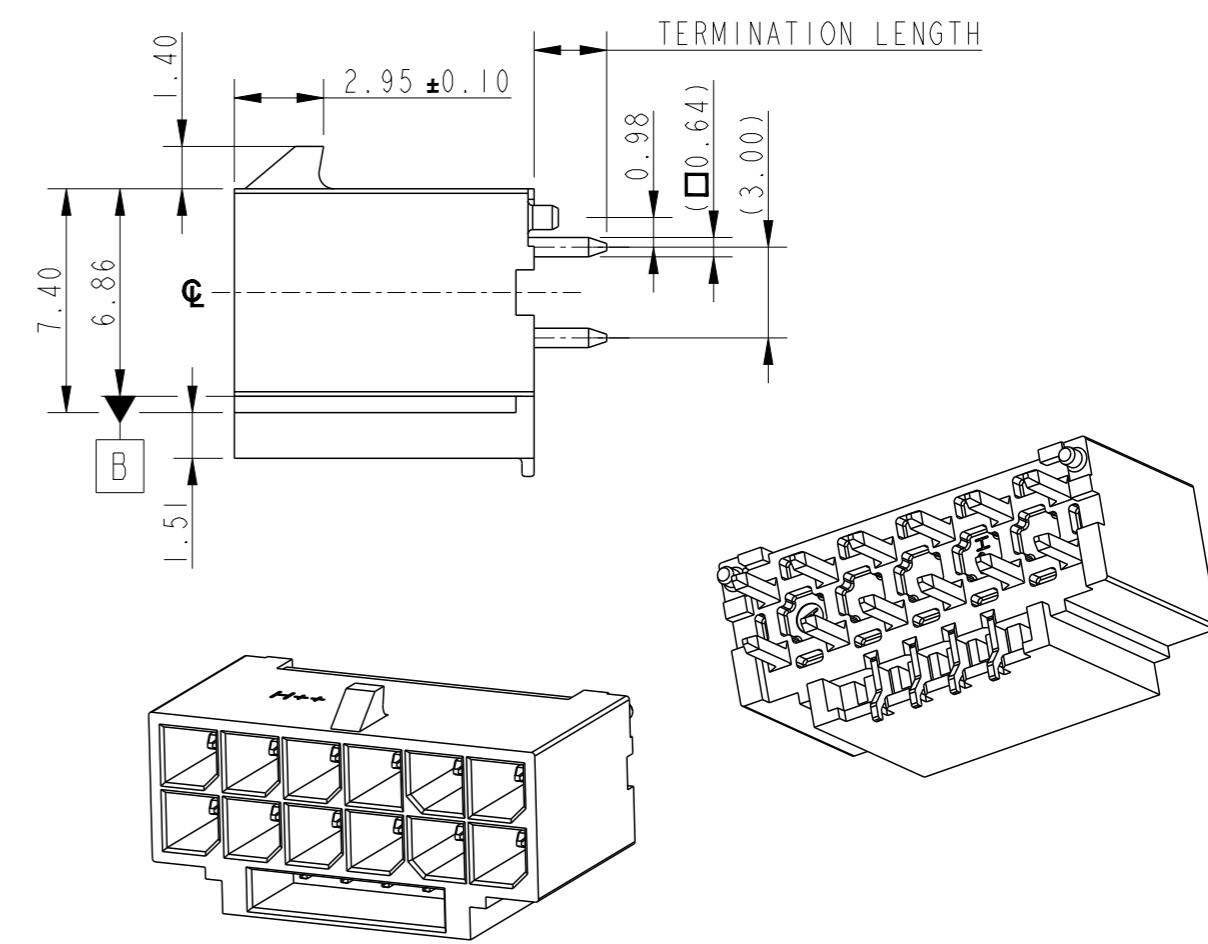
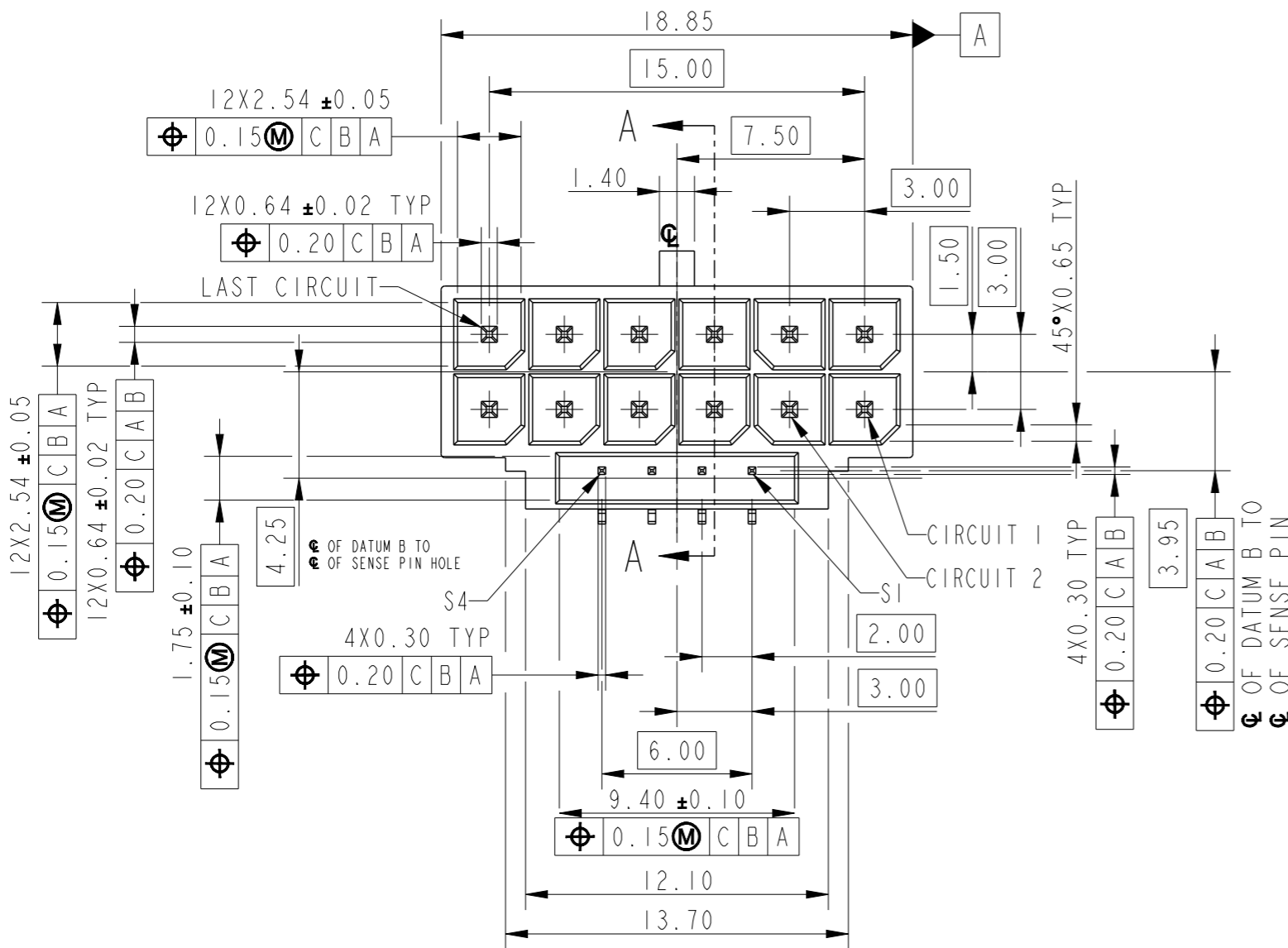
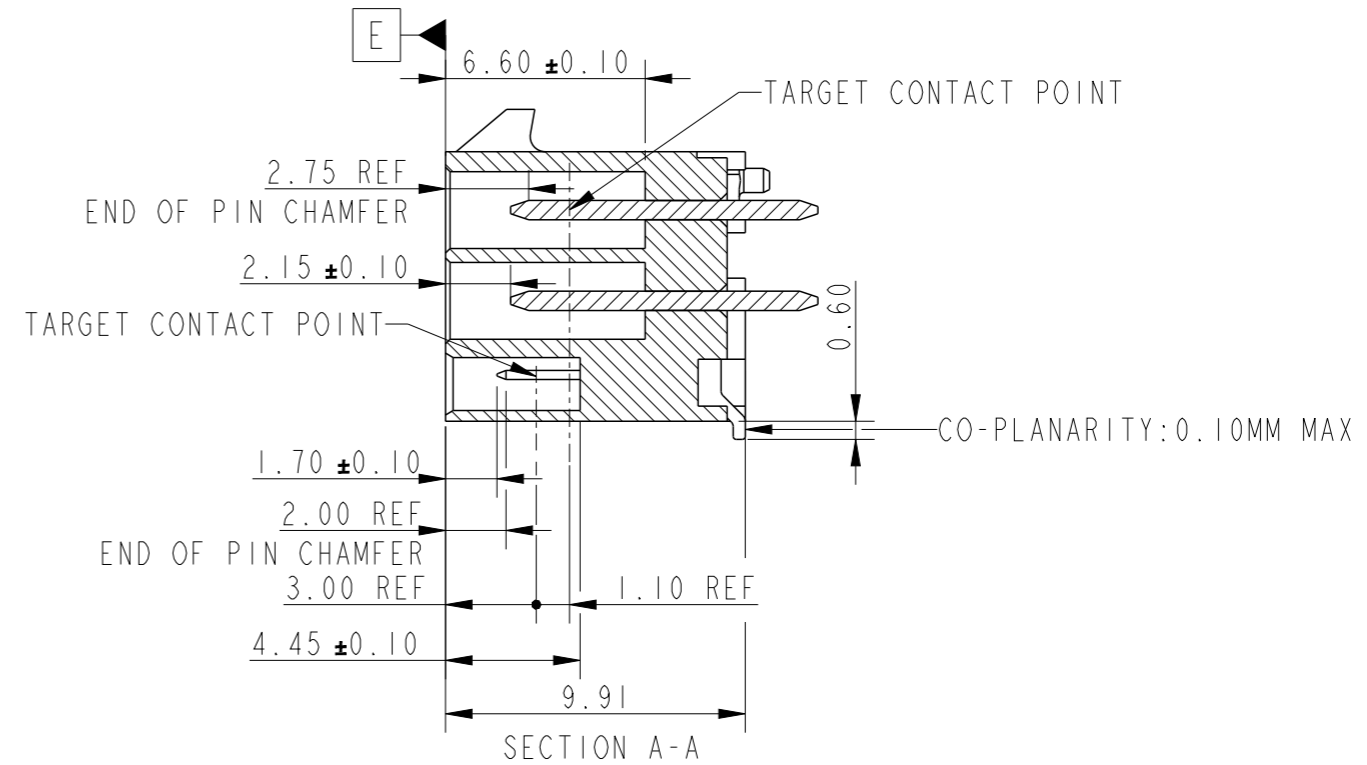


P/N: 10176941-124XXXXLF

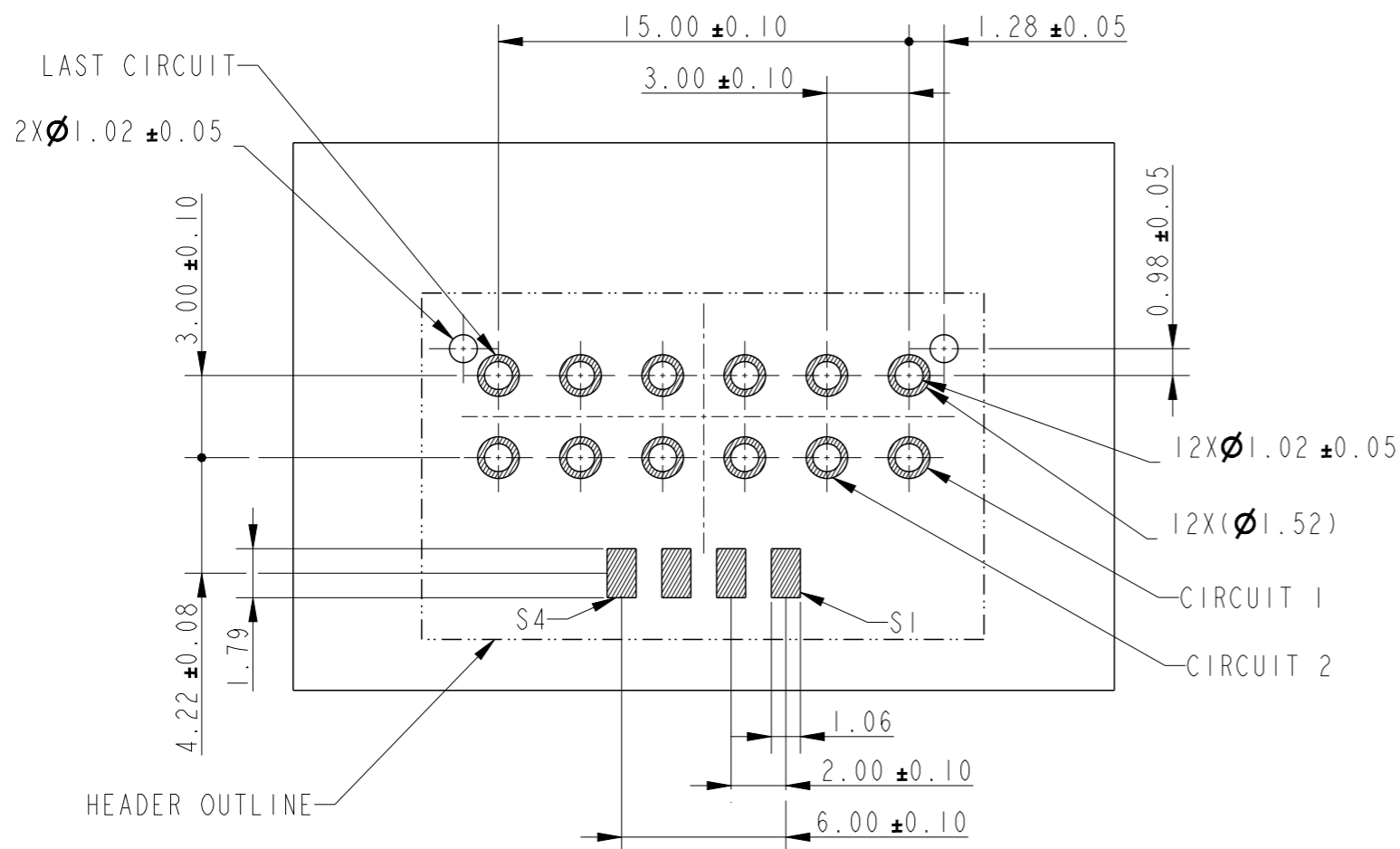
MARK "H++" STAND FOR HIGH CURRENT



spec ref	dr	Premchand, Pra	2025/04/23	projection	MM	size	A3	scale	4:1
tolerance std	eng	Premchand, Pra	2025/05/23			ecn no	ELX-I-55868-1	rel level	Released
ISO 406 ISO 1101	chr	-	-						
surface	linear	0.X	±0.25	product family	MINITEK POWER	dwg no	10176941	rev	B
		0.XX	±0.20						
ISO 1302	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw	sheet 1 of 2	

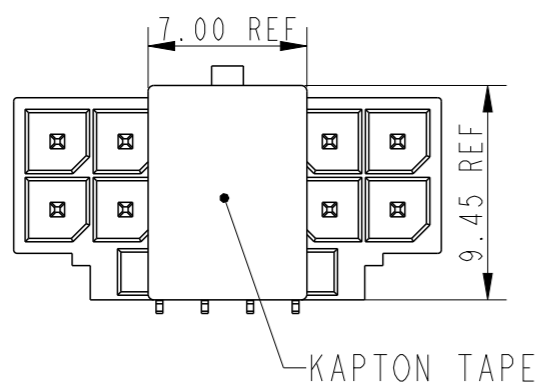
Amphenol FCI
HYBRID TH+SMT VERTICAL HEADER
MINITEK POWER CEM-5 12V-2X6
Product - Customer Drw

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Amphenol FCI



RECOMMENDED PCB LAYOUT2, PCB THICKNESS:- 2.29~2.40MM
UNSPECIFIED TOLERANCE ±0.05MM

VIEW WITH KAPTON TAPE



NOTE :

1. MATERIAL:
HOUSING: HIGH TEMP. THERMOPLASTIC, LCP UL94V-0,
COLOUR: BLACK, GLOW WIRE COMPATIBLE
CONTACT: COPPER ALLOY.
2. CONTACT FINISH
CONTACT AREA : OPTIONAL PLATING, SEE PART NUMBER LOGIC.
SOLDER AREA : 100µ" MINIMUM MATTE TIN.
UNDER PLATING : 50µ" MIN NICKEL UNDERPLATED.
3. MATE WITH AMPHENOL RECEPTACLE: 10161719, 10168565 & 10171526
4. PRODUCT SPECIFICATION : GS-12-1706
5. PACKING SPECIFICATION : GS-14-2802
6. APPLICATION SPECIFICATION : GS-20-0704
7. IN ACCORDANCE WITH PCIE SPECIFICATION REV 5.1, VER 1
8. THIS PRODUCT IS TOOLED UP.
9. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW OVEN.
10. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER
11. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
12. PART NUMBER LOGIC

10176941-XX X X X X X LF

NO OF POWER PINS LOADED: _____
12 : 12 PINS

NO OF SIGNAL PINS LOADED: _____
4 : 4 PINS

TERMINATION: _____
1 : 2.40MM
2 : 3.18MM
3 : 3.55MM

PLATING OPTION: _____
1 : 100µ" MIN MATTE TIN OVERALL
2 : 15µ" MIN GOLD ON CONTACT AREA
3 : 30µ" MIN GOLD ON CONTACT AREA

PACKING OPTION: _____
1 : TAPE AND REEL WITH KAPTON TAPE
2 : TAPE AND REEL WITHOUT KAPTON TAPE

LOADING OPTION: _____
0 : STANDARD

spec ref	dr	Premchand, Pra	2025/04/23	projection	MM	size	A3	scale	3:1		
tolerance std	eng	Premchand, Pra	2025/05/23			ecn no	ELX-I-55868-1				
ISO 406 ISO 1101	chr	-	-			rel level	Released				
surface	appr	Kuriakose, San	2025/05/27	product family	MINITEK POWER		rel level	Released			
ISO 1302	linear	0.X	±0.25		HYBRID TH+SMT VERTICAL HEADER MINITEK POWER CEM-5 12V-2X6	dwg no	10176941		rev	B	
	linear	0.XX	±0.20			amphenol-icc.com	cat. no.	-		Product - Customer Drw	sheet 2 of 2
	angular	0°	±2°			PDS: Rev :B		STATUS:Released		Printed: May 28, 2025	