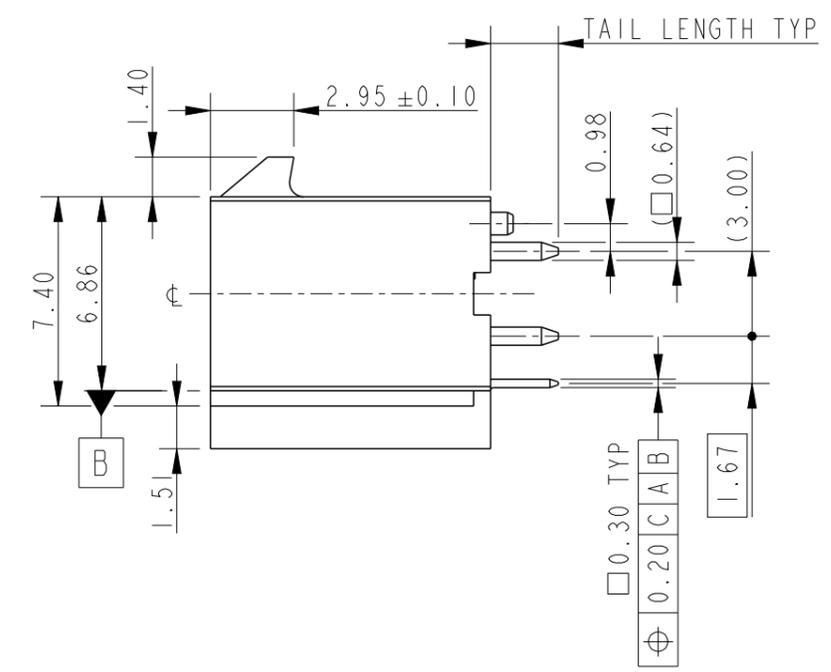
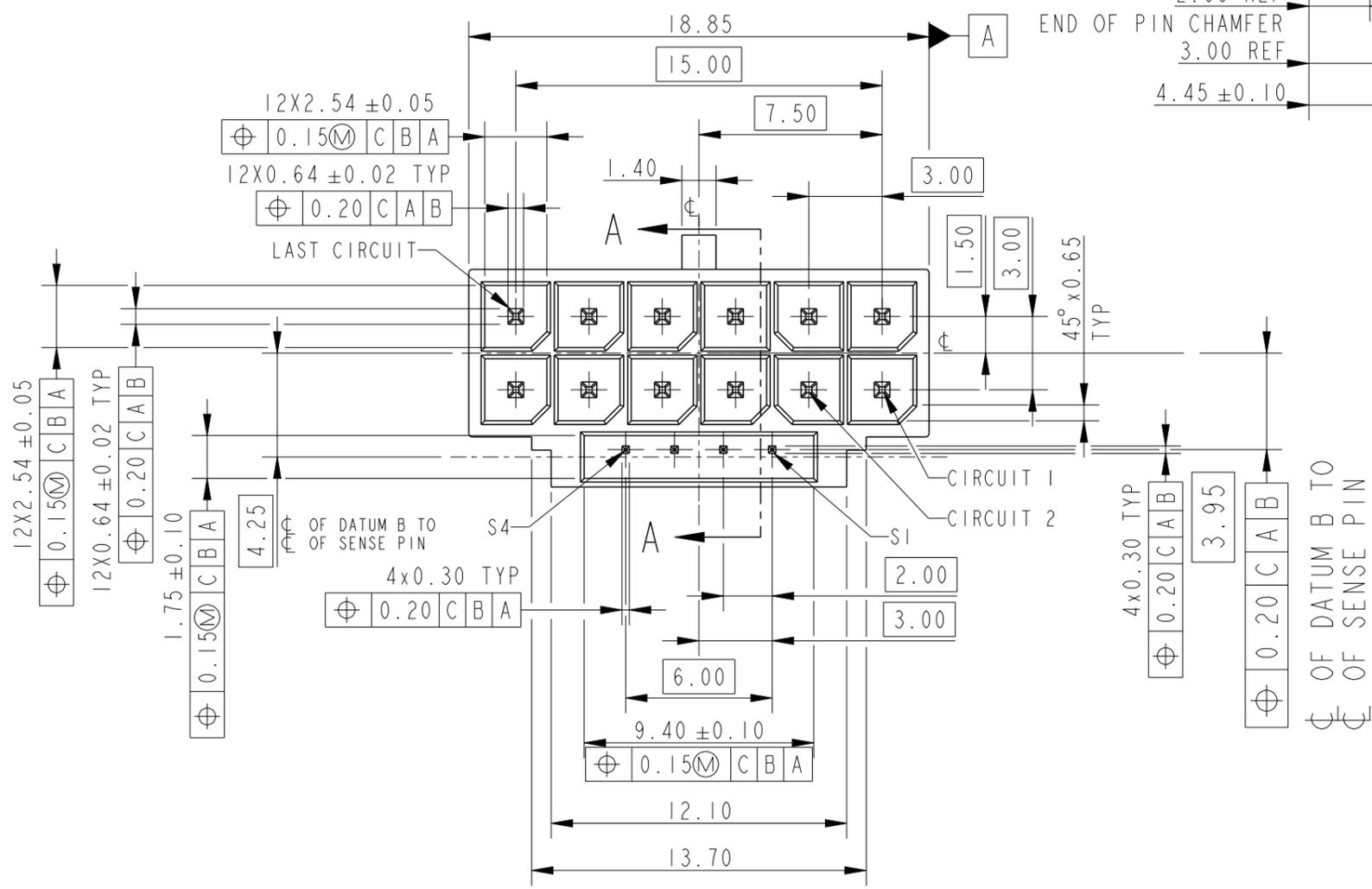
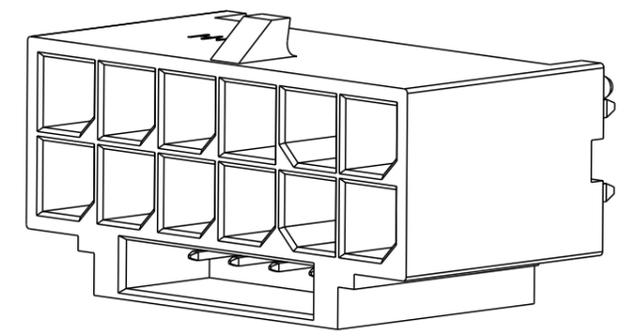
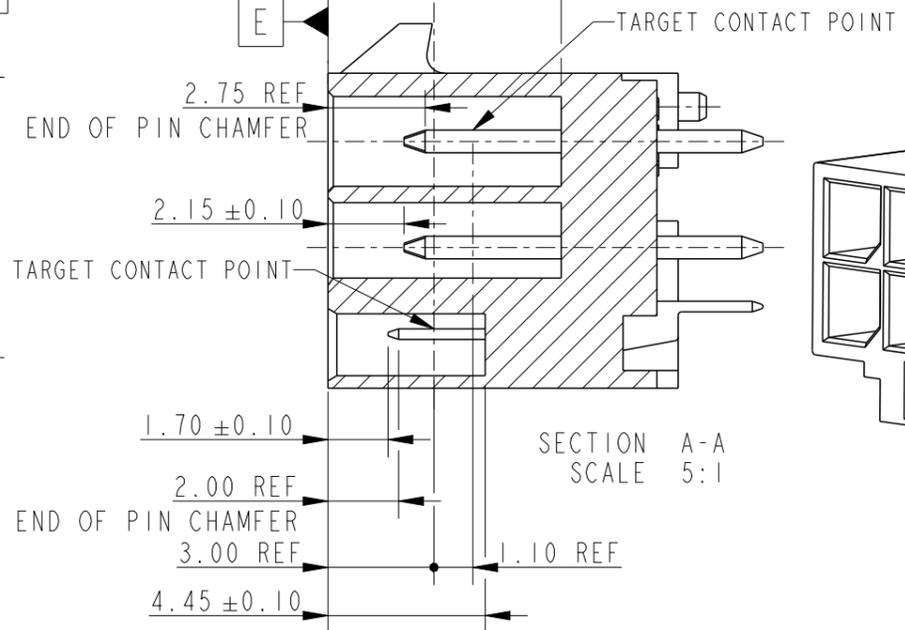


P/N: 10161122-124XXXXLF

MARK "H++" STAND FOR HIGH CURRENT



Amphenol FCI

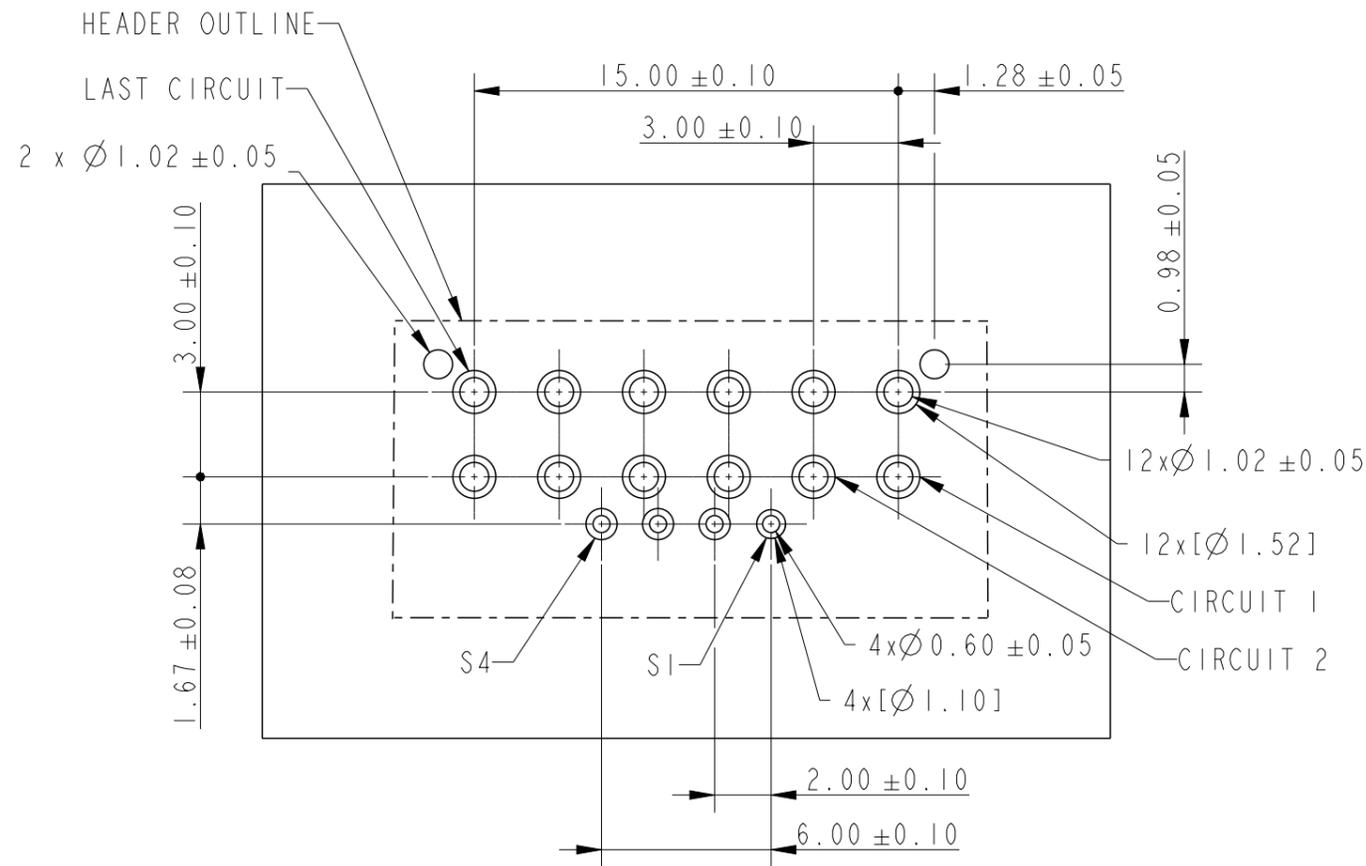
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spec ref	dr	Nithin N-C	2023/03/01	projection	MM	size	A3	scale	4:1
tolerance std	eng	Vipin M-G	2025/04/28			ecn no	ELX-I-51515-1	rel level	Released
ISO 406 ISO 1101	chr	-	-						
surface	appr	Paul Mithun	2025/04/28						
ISO 1302	linear	0.X	±0.25						
	angular	0°	±2°						
TOLERANCES UNLESS OTHERWISE SPECIFIED		Amphenol FCI		title		HYBRID VERTICAL HEADER		rev	
		amphenol-icc.com		MINITEK POWER CEM-5 12V-2x6		10161122		D	
		cat. no.		-		Product - Customer Drw		sheet 1 of 2	

Creo File:ELX-WC-A3C\_REV F\_2020-12-21

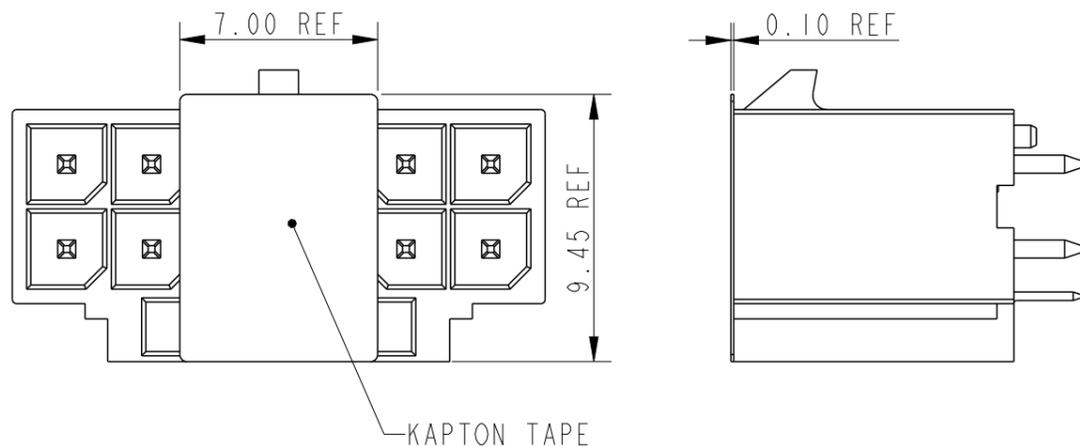
NOTE :

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



RECOMMENDED PCB LAYOUT, PCB THICKNESS: 2.29 to 2.40 MM  
UNSPECIFIED TOLERANCE ± 0.05MM

VIEW WITH KAPTON TAPE



10161122-XX X X X X X LF

NO. OF POWER PINS LOADED  
12 → 12 PINS

NO. OF SIGNAL PINS LOADED  
4 → 4 PINS

TERMINATION:  
0 : 3.20MM  
1 : 2.40MM

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

PACKING OPTION:  
0 : TRAY  
1 : TAPE AND REEL WITH KAPTON TAPE

LOADING OPTION  
0: STANDARD

spec ref		dr	Nithin N-C	2023/03/01	projection	MM	size	A3	scale	4:1	
tolerance std		eng	Vipin M-G	2025/04/28			ecn no	ELX-I-51515-1	rel level	Released	
ISO 406 ISO 1101		chr	-	-							product family
surface		appr	Paul Mithun	2025/04/28					dwg no	10161122	
ISO 1302		TOLERANCES UNLESS OTHERWISE SPECIFIED linear: 0.X ± 0.25, 0.XX ± 0.20, 0.XXX ± angular: 0° ± 2°		HYBRID VERTICAL HEADER MINITEK POWER CEM-5 12V-2x6		cat. no.		Product - Customer Drw		rev	D
Creo File:ELX-WC-A3C_REV F_2020-12-21		amphenol-icc.com		sheet 2 of 2		PDS: Rev :D		STATUS:Released		Printed: Apr 29, 2025	