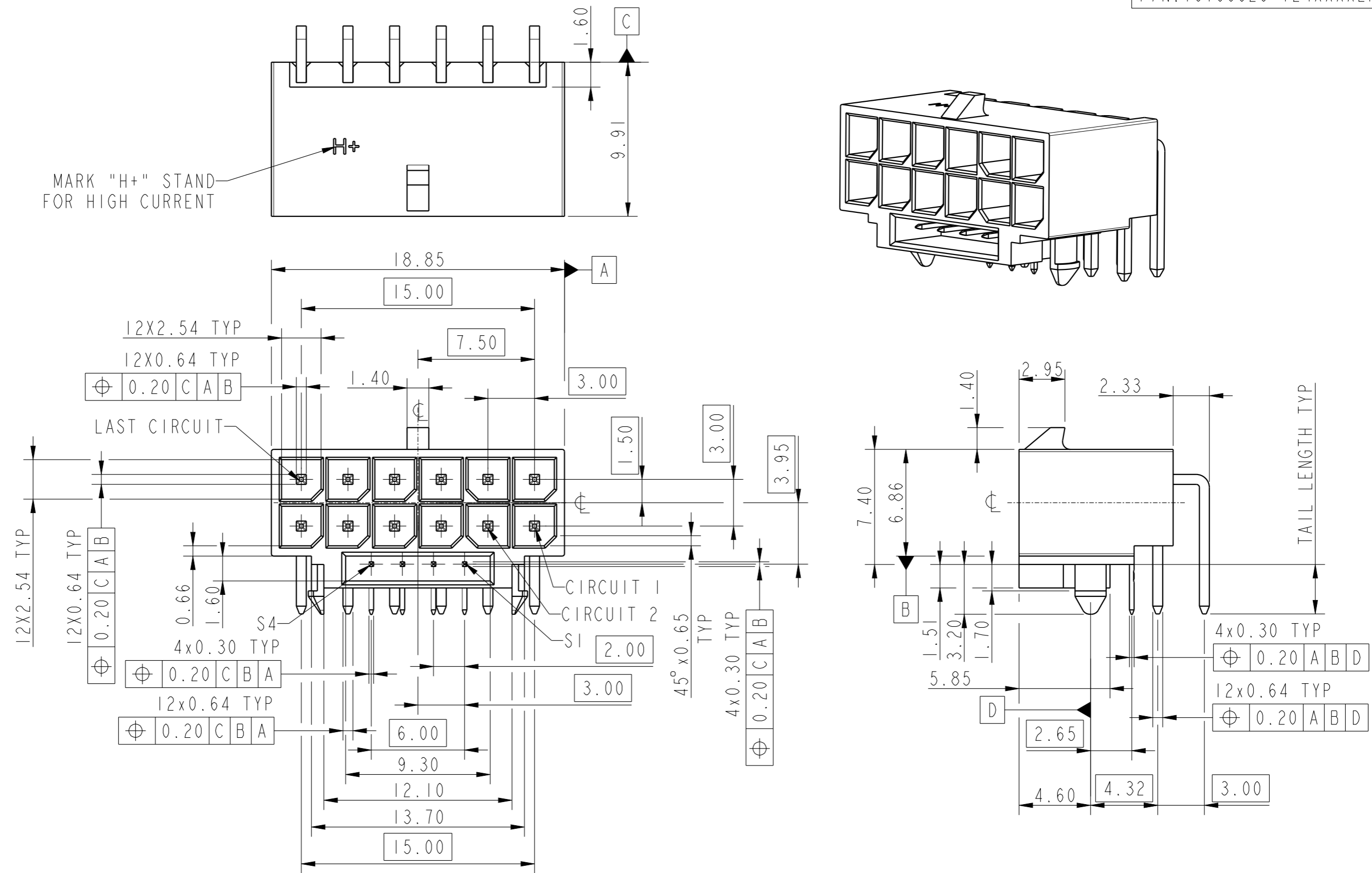


P/N: 10160920-124XXXXLF

MARK "H+" STAND FOR HIGH CURRENT

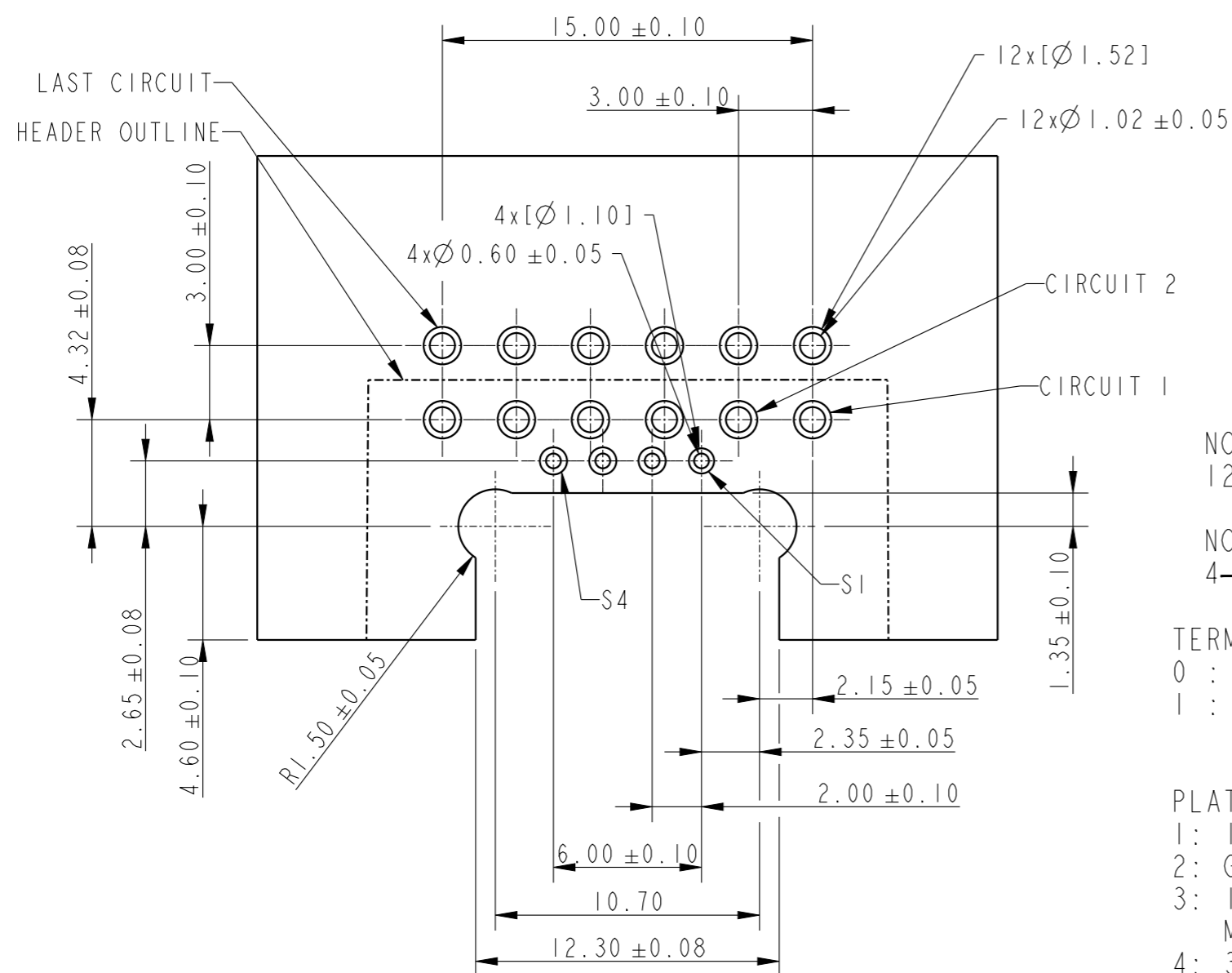


Amphenol
FCi

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spec ref	dr	Akhil Rajan	2021/06/28	projection	MM	size	A3	scale	4:1
tolerance std	eng	Paul Mithun	2023/02/07			ecn no	ELX-I-45069-1	rel level	Released
ISO 406 ISO 1101	chr	-	-						
surface	appr	Paul Mithun	2023/02/07	Amphenol FCi		cat. no.	-	Product - Customer Drw	sheet 1 of 2
ISO 1302	linear	0.X	±0.25	title HYBRID R/A HEADER Minitek PWR CEM-5 12VHPWR		dwg no	10160920	rev	D
	angular	0°	±2°						

Creo File:ELX-WC-A3C.REV F.2020-12-21



RECOMMENDED PCB LAYOUT, PCB THICKNESS: 1.57MM
UNSPECIFIED TOLERANCE ±0.05MM

1. MATERIAL:
HOUSING: HIGH TEMP. THERMOPLASTIC, LCP
UL94V-0, COLOUR: BLACK, GLOW WIRE COMPATIBLE
CONTACT: COPPER ALLOY.
2. CONTACT FINISH: 50µ" MIN NICKEL UNDERPLATED.
OPTIONAL PLATING ON CONTACT AREA.
PLATING: SEE PART NO LOGIC
3. MATE WITH AICC RECEPTACLE: 10161719, 10168565
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
8. PART NUMBER LOGIC

10160920-XX X X X X X LF

NO. OF POWER PINS LOADED _____
12 → 12 PINS

NO. OF SIGNAL PINS LOADED _____
4 → 4 PINS

TERMINATION LENGTH: _____
0 : 3.18MM
1 : 2.20MM

PLATING OPTION: _____
1: 100µ" MATTE TIN OVERALL
2: GOLD FLASH OVERALL
3: 15µ" GOLD ON CONTACT AREA AND
MATTE TIN AT TERMINAL AREA
4: 30µ" GOLD ON CONTACT AREA AND
MATTE TIN AT TERMINAL AREA

PACKING OPTION: _____
0 : TRAY
1 : TAPE AND REEL

LOADING OPTION: _____
0: STANDARD

spec ref		dr	Akhil Rajan	2021/06/28	projection	MM	size	A3	scale	4:1		
tolerance std		eng	Paul Mithun	2023/02/07			ecn no		ELX-I-45069-1			
ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		product family			Minitek Power		rel level		Released	
surface		linear	0.X	±0.25	Amphenol FCI		HYBRID R/A HEADER		dwg no		10160920	
ISO 1302		angular	0°	±2°	Minitek PWR CEM-5 12VHPWR		cat. no.		-		Product - Customer Drw	
											rev	D
											sheet 2 of 2	