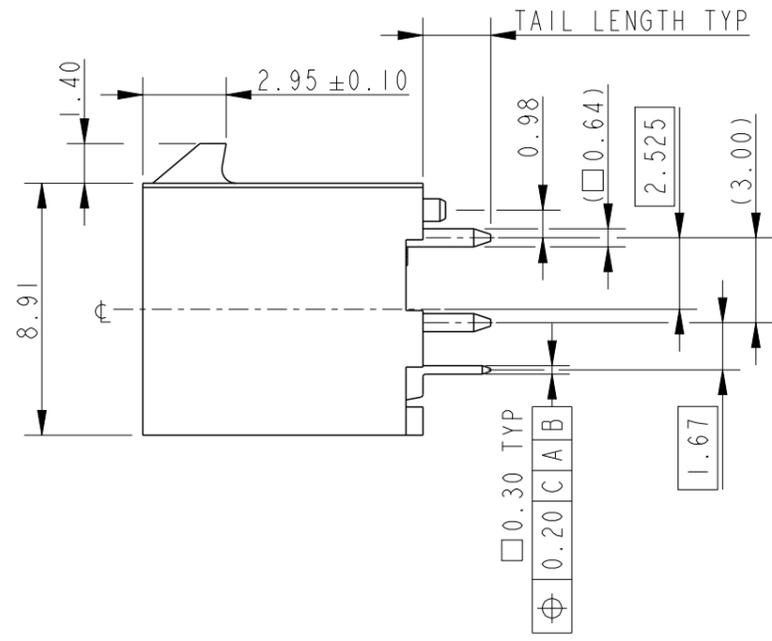
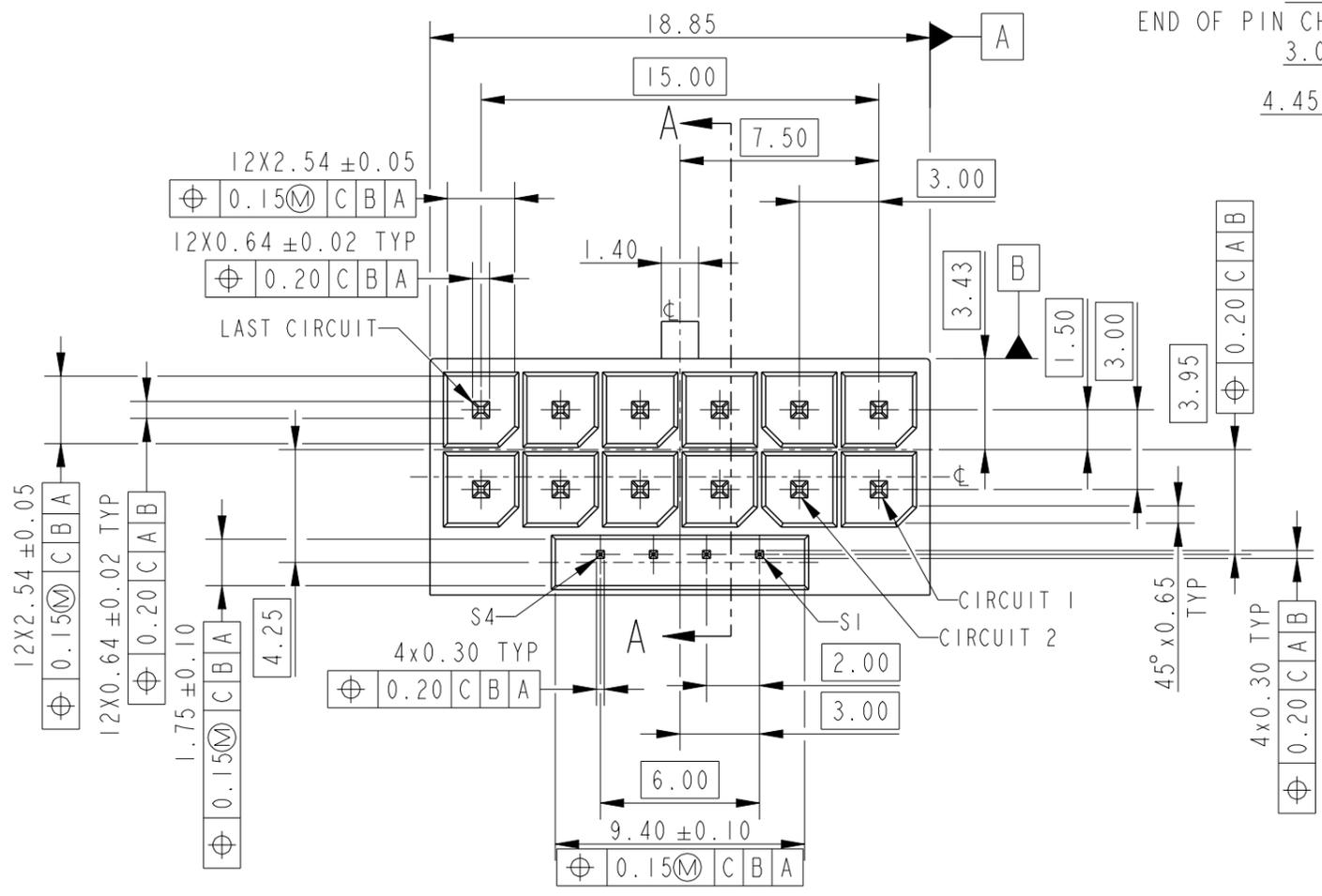
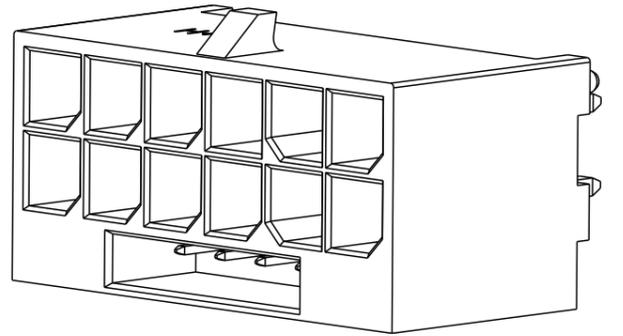
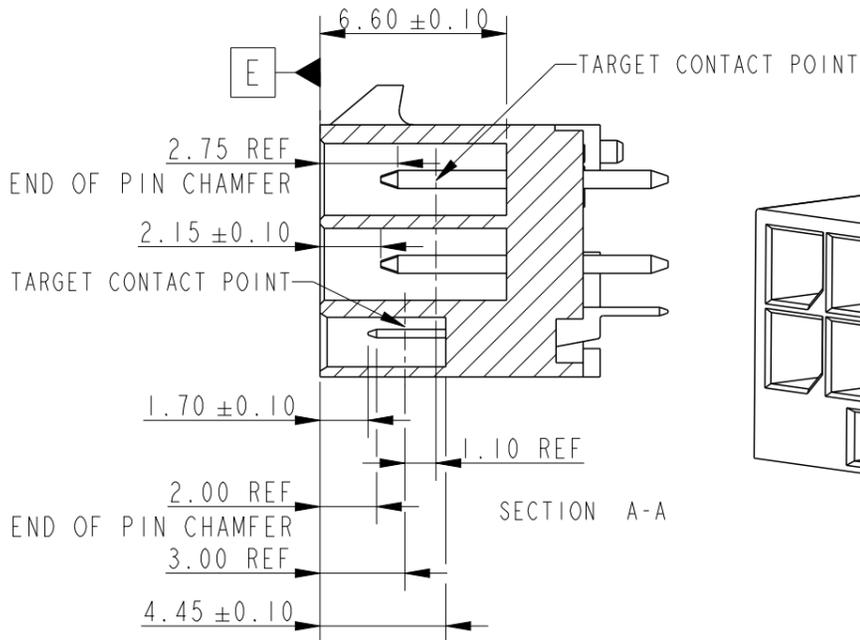


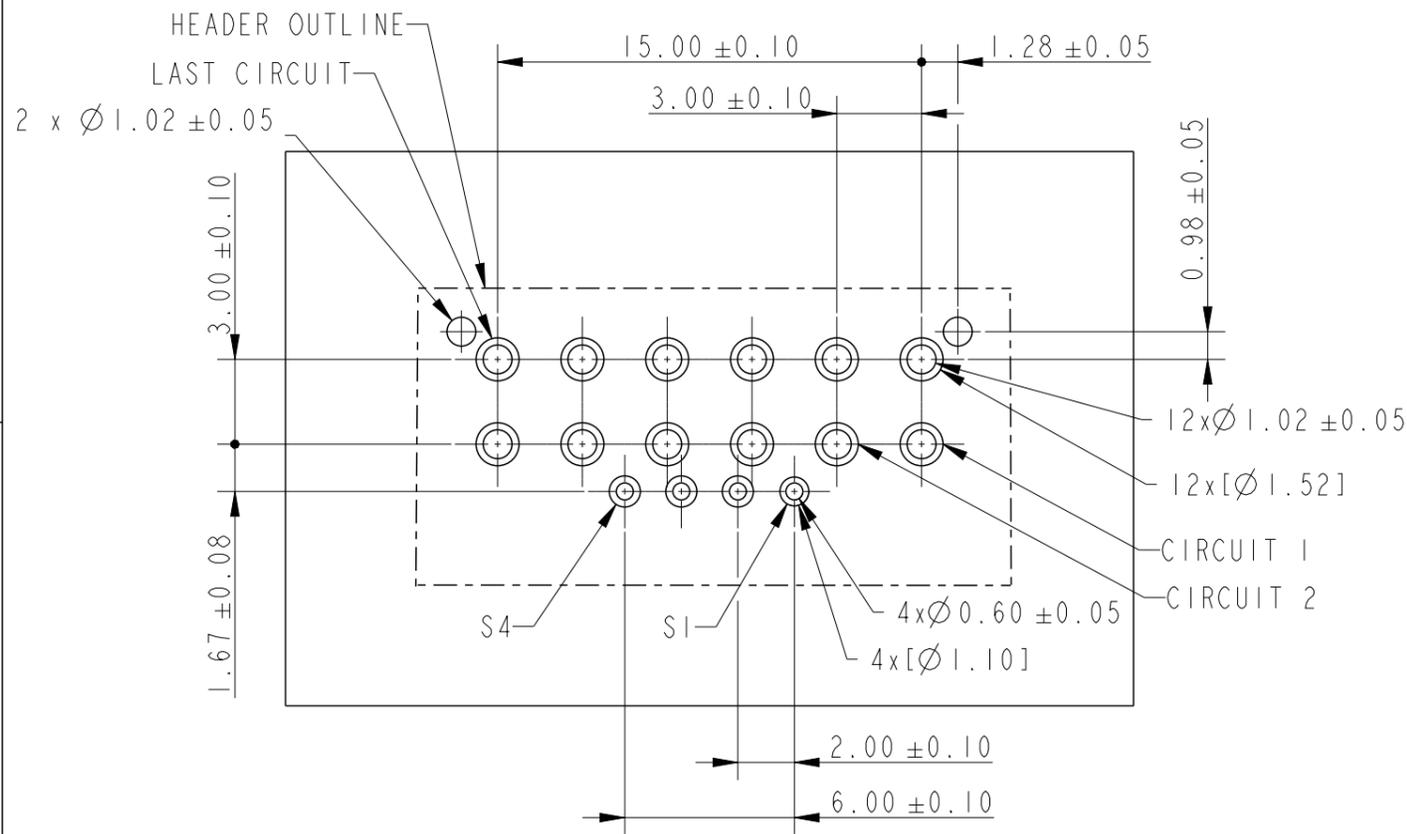
MARK "H++" STAND FOR HIGH CURRENT



spec ref	dr	Nithin N-C	2022/11/14	projection	MM	size	A3	scale	4:1
tolerance std	eng	Vipin M-G	2024/03/28			ecn no	ELX-I-50849-2	rel level	Released
ISO 406 ISO 1101	chr	-	-						
surface	appr	Paul Mithun	2024/03/28	Amphenol FCI		dwg no	10166200	rev	C
ISO 1302	TOLERANCES UNLESS OTHERWISE SPECIFIED linear: 0.X ±0.25, 0.XX ±0.20, 0.XXX ± angular: 0° ±2°		amphenol-icc.com	title: HYBRID VERTICAL HEADER MINITEK POWER CEM-5 12V-2x6		cat. no. - Product - Customer Drw		sheet 1 of 2	

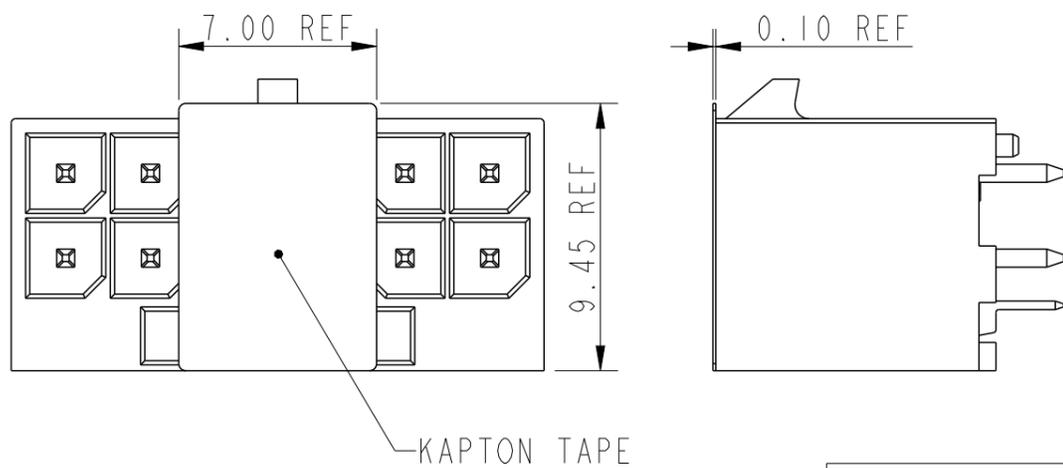
NOTE:

1. MATERIAL
HOUSING: HIGH TEMP. THERMOPLASTIC, GENESTAR, HF, UL94V-0.
COLOUR : DARK BLACK, GLOW WIRE COMPATIBLE
CONTACT: COPPER ALLOY.
2. PLATING FINISH
CONTACT AREA : OPTIONAL PLATING, SEE PART NUMBER LOGIC
SOLDER AREA : 100µ" MINIMUM MATTE TIN
UNDER PLATING : 50µ" MINIMUM 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. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW OVEN.
9. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER
10. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
11. PART NUMBER LOGIC



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

VIEW WITH KAPTON TAPE



10166200-XX 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 (YET TO BE TOOLED UP)

PACKING OPTION:
0 : TRAY
1 : TAPE AND REEL WITH KAPTON TAPE
2 : TAPE AND REEL WITHOUT KAPTON TAPE

LOADING OPTION
0: STANDARD

spec ref	dr	Nithin N-C	2022/11/14	projection	MM	size	A3	scale	4:1
tolerance std	eng	Vipin M-G	2024/03/28			ecn no	ELX-I-50849-2	rel level	Released
ISO 406 ISO 1101	chr	-	-						
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ISO 1302	TOLERANCES UNLESS OTHERWISE SPECIFIED linear: 0.X ±0.25, 0.XX ±0.20, 0.XXX ± angular: 0° ±2°		amphenol-icc.com	cat. no.	Product - Customer Drw	sheet 2 of 2			