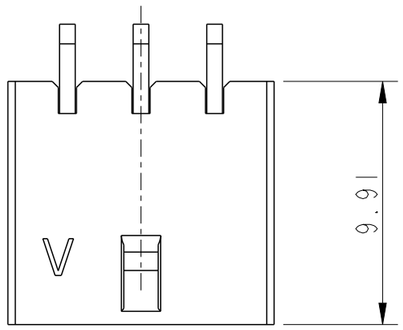
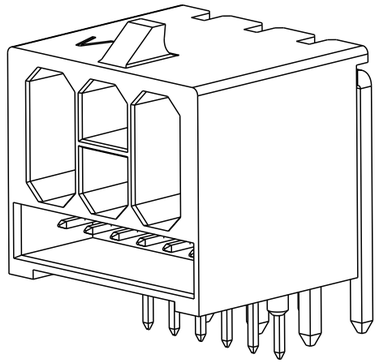
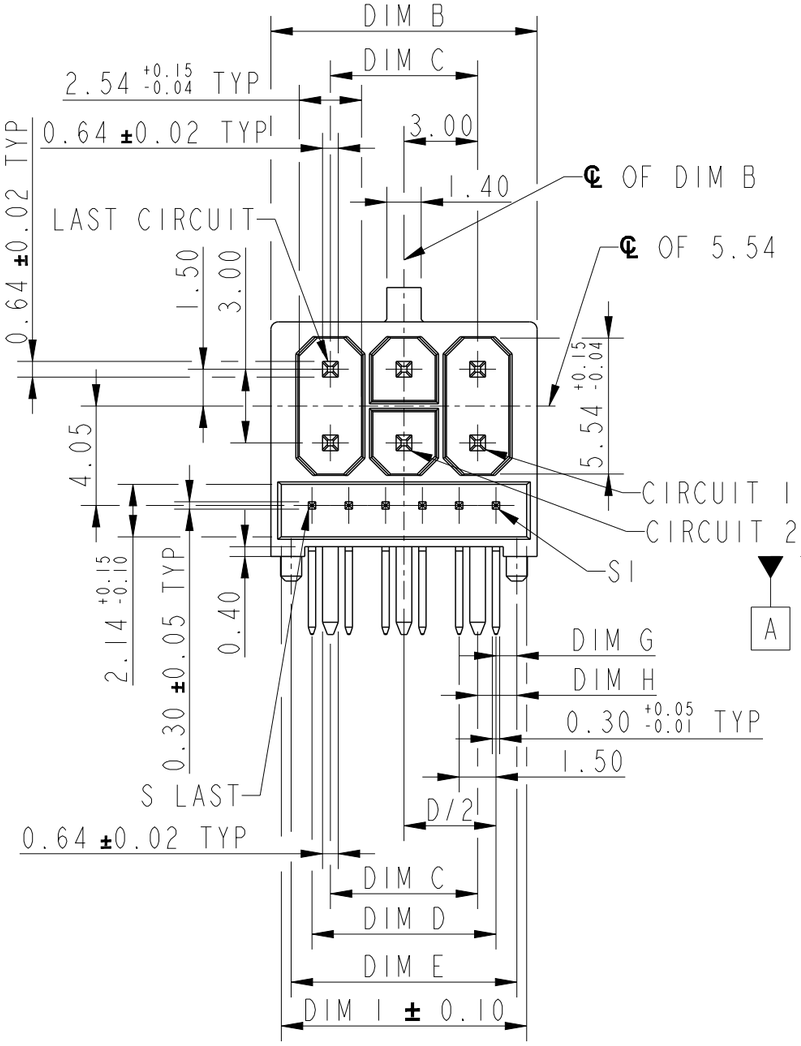
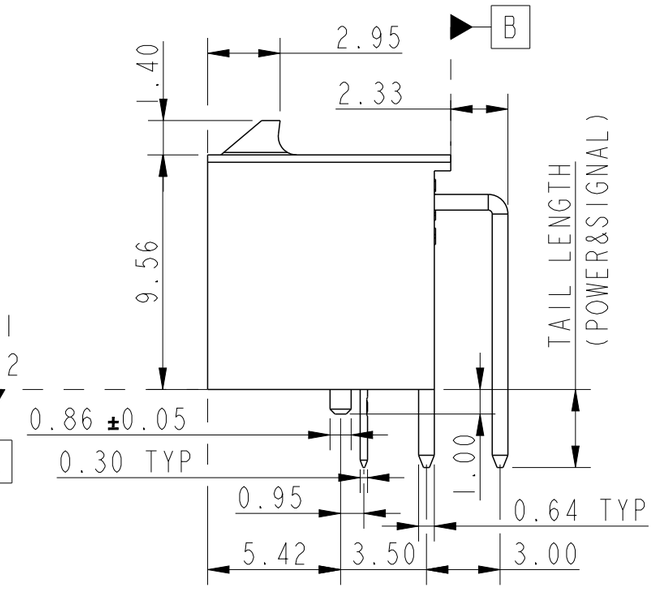
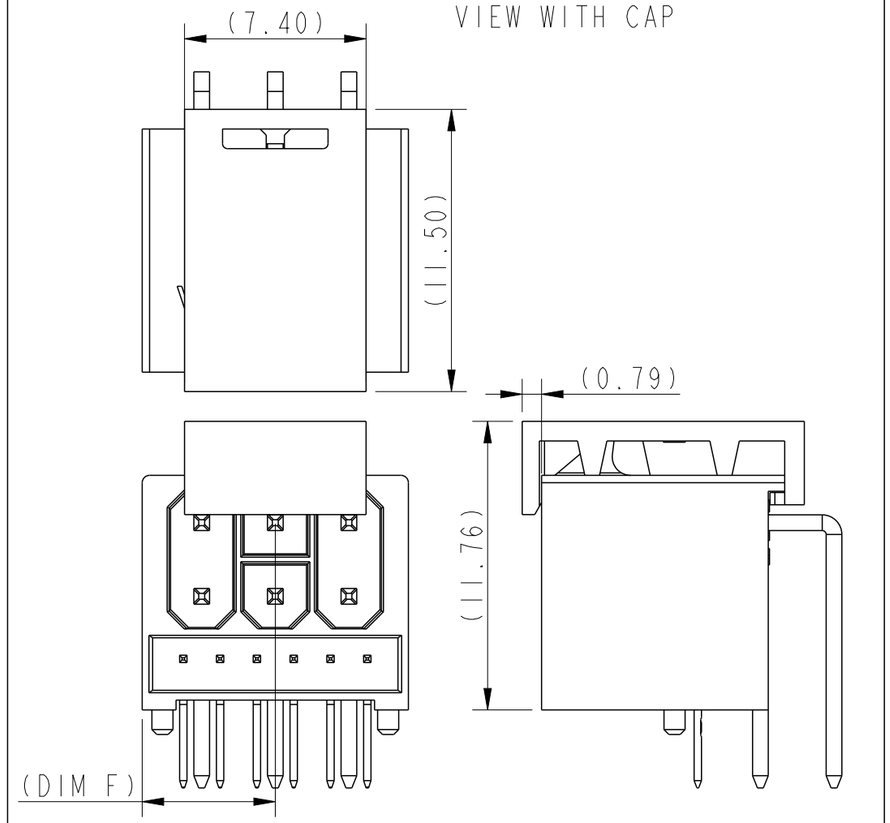
PART NUMBER
10167519-XXXXXXXLF

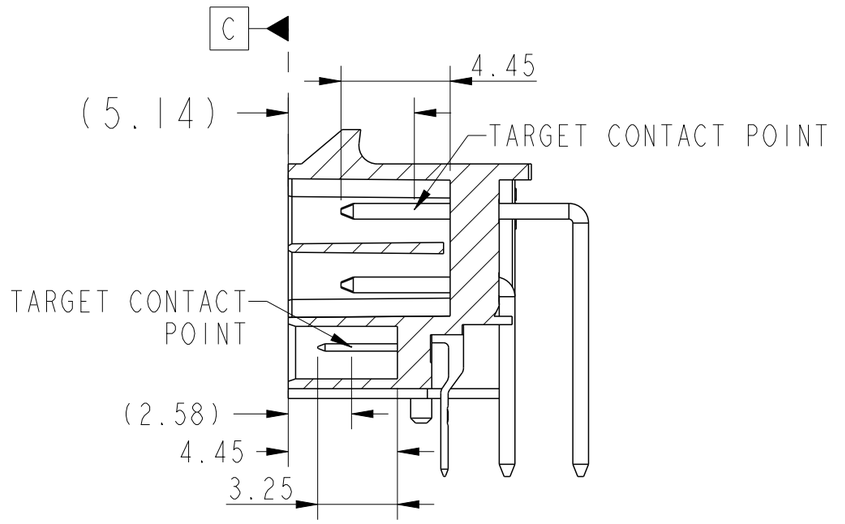












spec ref				dr	Premchand, Pra	2023/03/15	projection: MM
tolerance std: ISO 406 ISO1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Premchand, Pra	2025/01/20	size: A3 / scale: 4:1
				chr	-	-	ecn no: ELX-I-53559-1
				appr	Paul Mithun	2025/01/20	product family: - MINITEK PWR / rel level: Released
surface: - / ISO 1302	linear	0.X	±.25	Amphenol FCi	title: RIGHT ANGLE HEADER PICPWR OCP		dwg no: 10167519 / rev: C
		0.XX	±0.20				
		0.XXX	±--	amphenol-icc.com	cat. no. -	Product - Customer Drw	sheet 1 of 3
	angular	0°	±2°				

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

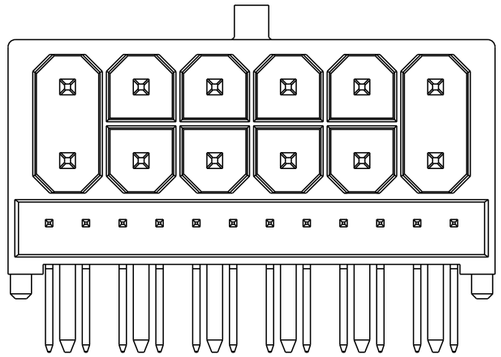
PDS: Rev :C

STATUS:Released

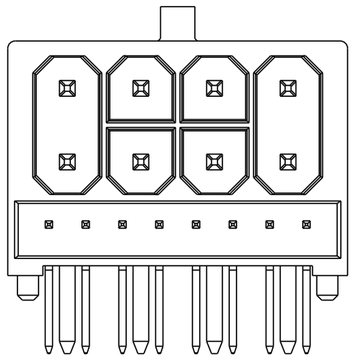
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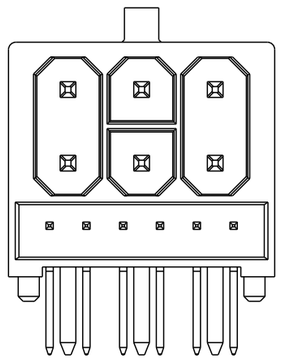
VIEW OF 12 POSITION HEADER



VIEW OF 08 POSITION HEADER



VIEW OF 06 POSITION HEADER



1. MATERIAL : LCP HIGH TEMP THERMOPLASTIC, UL94V-0, HALOGEN FREE
   COLOUR : BLACK, GLOW WIRE COMPATIBLE
   POWER CONTACT : HIGH CONDUCTIVITY COPPER ALLOY
   SIGNALCONTACT : COPPER ALLOY
2. CONTACT PLATING : CONTACT AREA : OPTIONAL, SEE PART NO. LOGIC
   SOLDER AREA : 100µ" MINIMUM MATTE TIN
   UNDERPLATING : 50 µ"MINIMUM NICKEL
3. MATE WITH AICC RECEPTACLE : 10167523
4. PRODUCT SPECIFICATION :GS-12-1766
5. PACKAGE SPECIFICATION :GS-14-3016
6. APPLICATION SPECIFICATION : GS-20-0807
7. YET TO BE TOOLED UP
8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
9. THE HOUSING WILL WITHSTAND EXPOSURE TO 260 °C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW OVEN
10. PART NUMBER LOGIC

10167519-XXXXXXXLF

NO. OF POWER PIN LOADED
12-12 PIN
08-08 PIN(SEE NOTE 7)
06-06 PIN

NO. OF SIGNAL PIN LOADED
12-12 PIN
08-08 PIN(SEE NOTE 7)
06-06 PIN

TAIL LENGTH:
1- 3.18MM
2- 2.50MM
3- 2.00MM
4- 1.60MM(SEE NOTE 7)

PACKING OPTION
1- TRAY PACKAGING(SEE NOTE 7)
T- TAPE & REEL, WITHOUT CAP PACKAGING
C- TAPE & REEL, WITH CAP PACKAGING

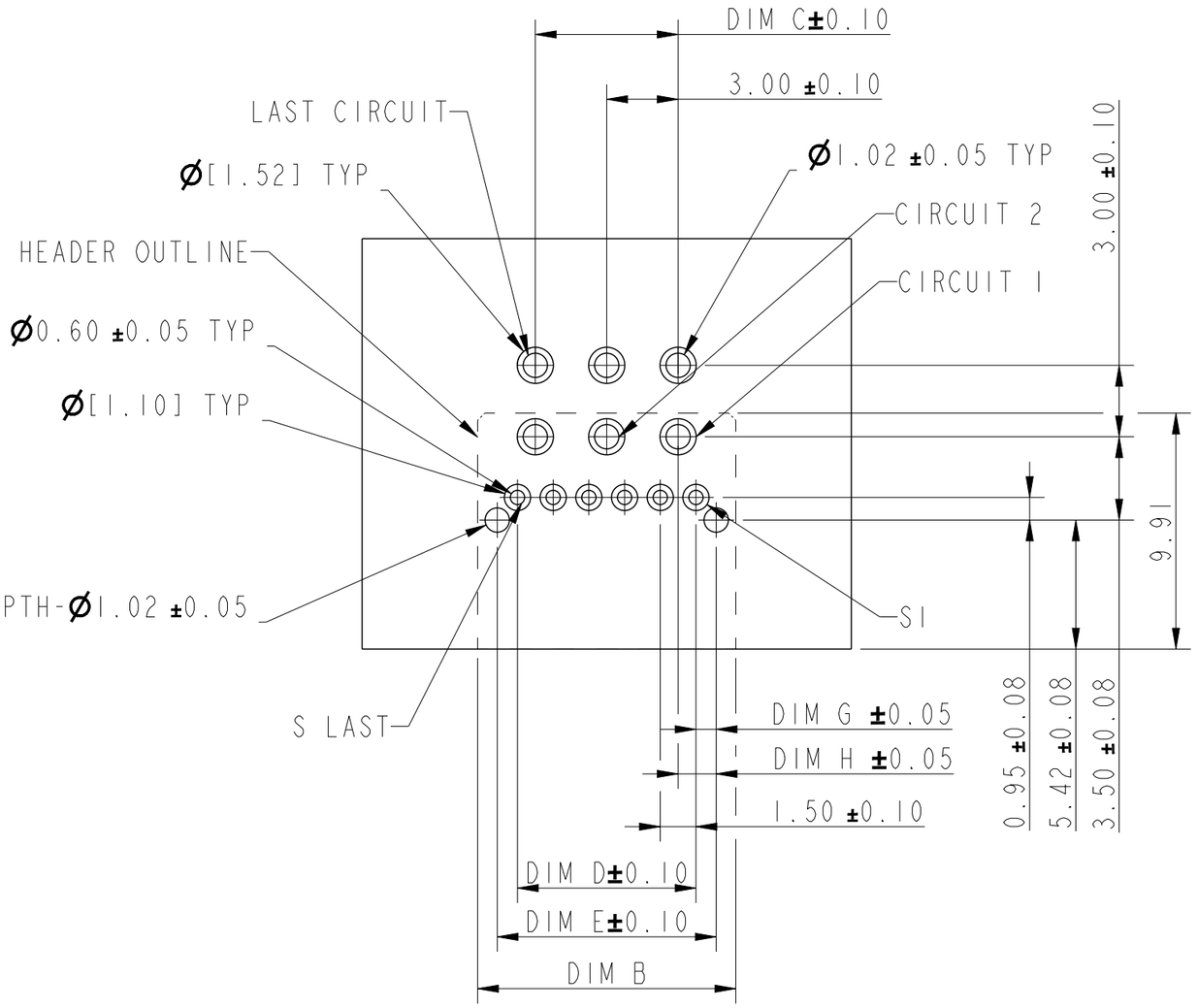
PLATING OPTION
1- 30µ" MINIMUM Au ON CONTACT AREA AND 100µ"TIN ON SOLDER TAIL
2- 15µ" MINIMUM Au ON CONTACT AREA AND 100µ"TIN ON SOLDER TAIL
3- 100µ" MATTE TIN OVERALL

PART NO.	B	C	D	E	F	G	H	I
10167519-1212XXXLF	19.85	15.00	16.50	18.80	9.93	1.15	1.90	19.00
10167519-0808XXXLF	13.85	9.00	10.50	12.20	6.93	0.85	1.60	13.00
10167519-0606XXXLF	10.85	6.00	7.50	9.20	5.43	0.85	1.60	10.00

spec ref			dr	Premchand, Pra	2023/03/15	projection	MM	size A3 / scale 4:1
tolerance std ISO 406 ISO1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Premchand, Pra	2025/01/20			
			chr	-	-			ecn no ELX-I-53559-1
			appr	Paul Mithun	2025/01/20	product family	- MINITEK PWR	rel level Released
surface - ISO 1302	linear	0.X ±.25	Amphenol FCi	title	RIGHT ANGLE HEADER PICPWR OCP		dwg no 10167519	rev C
		0.XX ±0.20						
		0.XXX ±--	amphenol-icc.com	cat. no. -		Product - Customer Drw		sheet 2 of 3
	angular	0° ±2°						

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RECOMMENDED PCB LAYOUT, MINIMUM PCB THICKNESS : 1.57MM,
UNSPECIFIED TOLERENCE ±0.05MM

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spec ref				dr	Premchand, Pra	2023/03/15	projection: MM
tolerance std: ISO 406 ISO1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Premchand, Pra	2025/01/20	size: A3 · scale: 2:1
				chr	-	-	ecn no: ELX-I-53559-1
				appr	Paul Mithun	2025/01/20	product family · rel level: Released
surface: ISO 1302	linear	0.X	±.25	Amphenol FCi	title: RIGHT ANGLE HEADER, PICPWR OCP		dwg no: 10167519 · rev: C
		0.XX	±0.20				
		0.XXX	±--				
	angular	0°	±2°	amphenol-icc.com	cat. no.	Product - Customer Drw	sheet 3 of 3

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

PDS: Rev :C

STATUS:Released

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