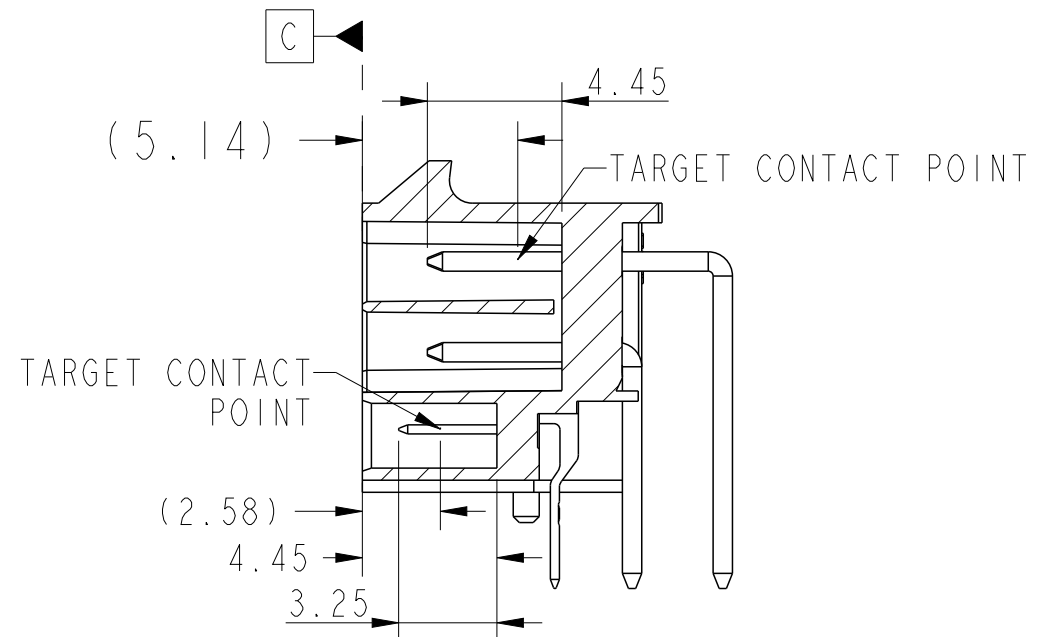
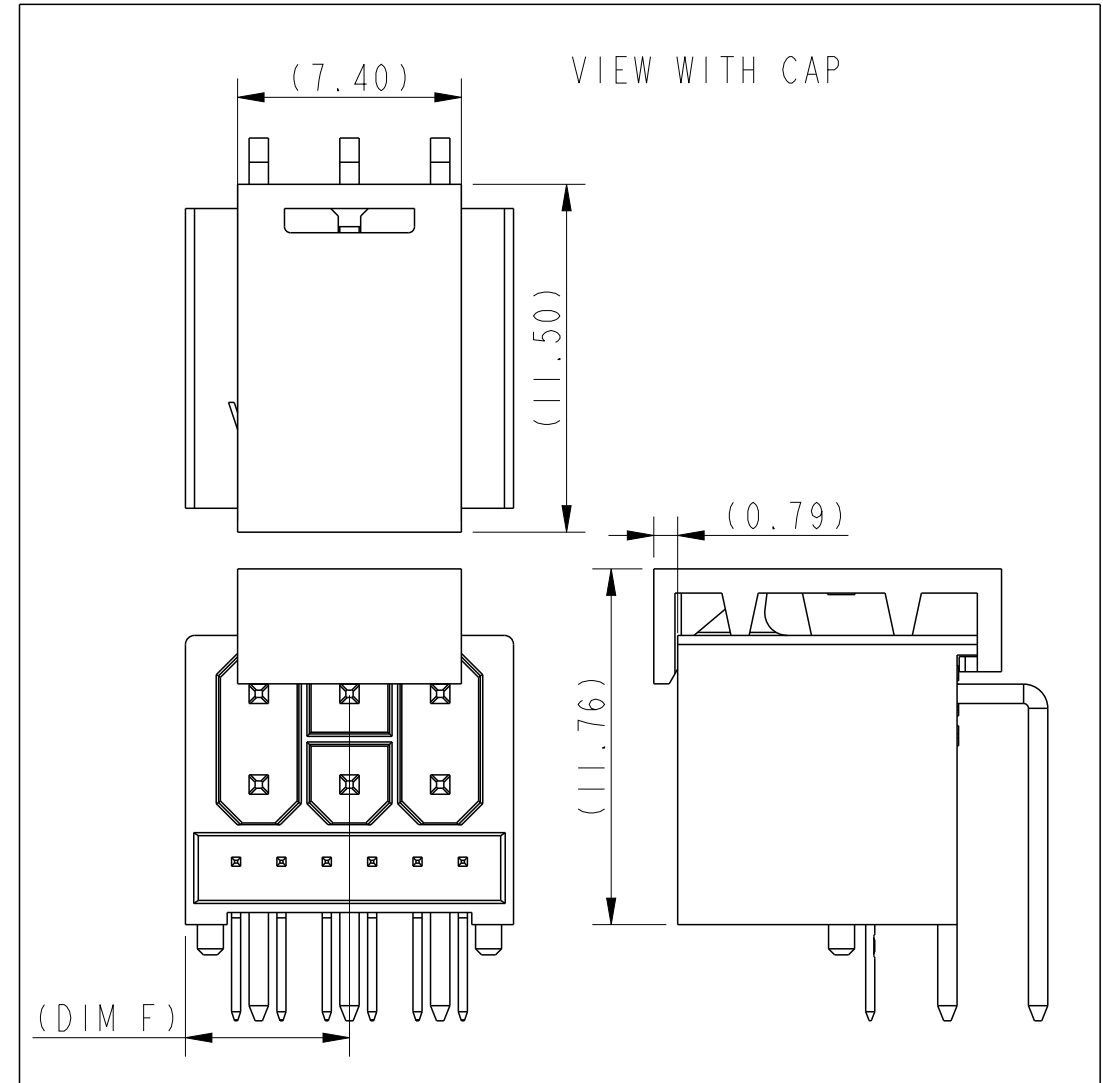
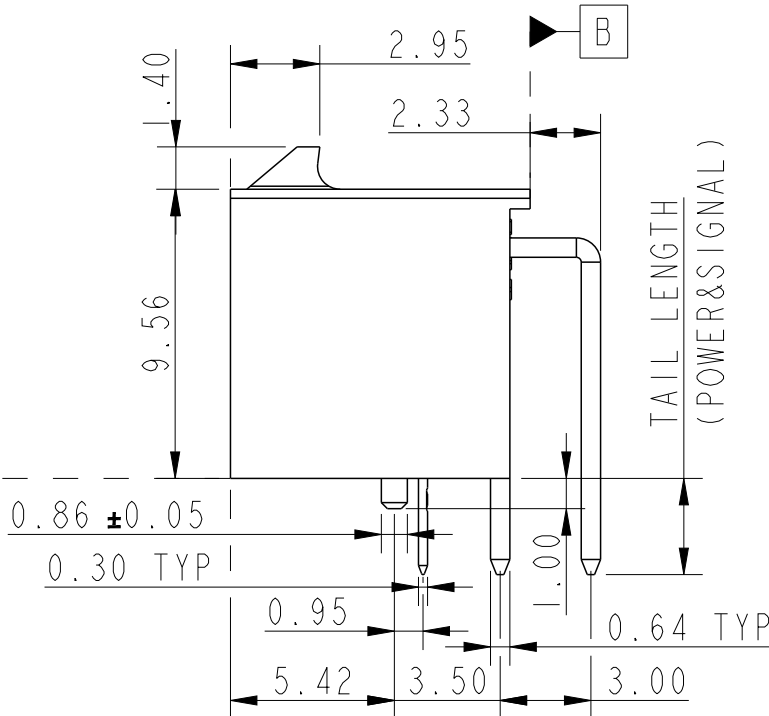
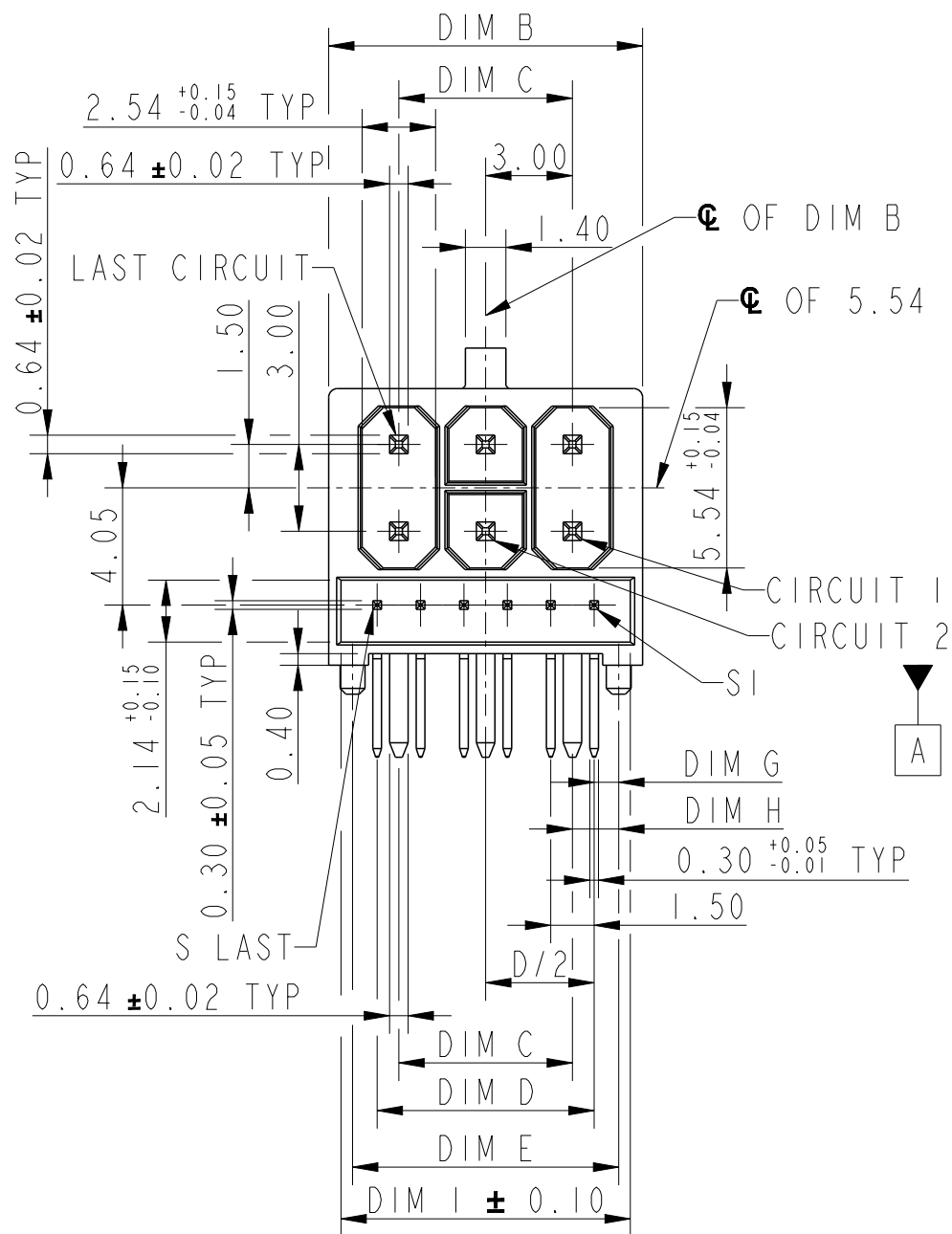
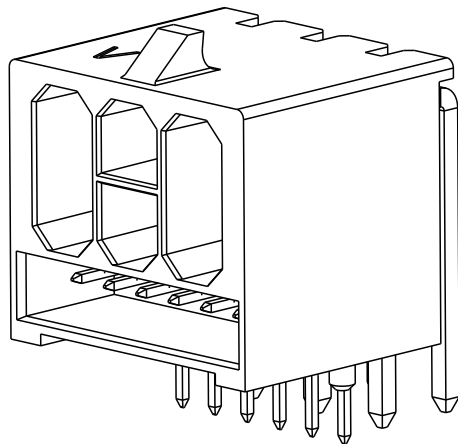
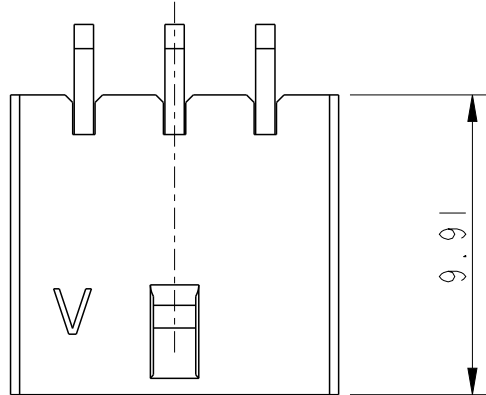
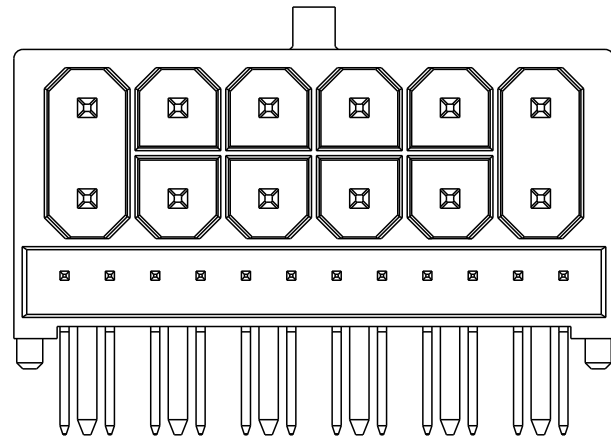


PART NUMBER
10167519-XXXXXXXXLF

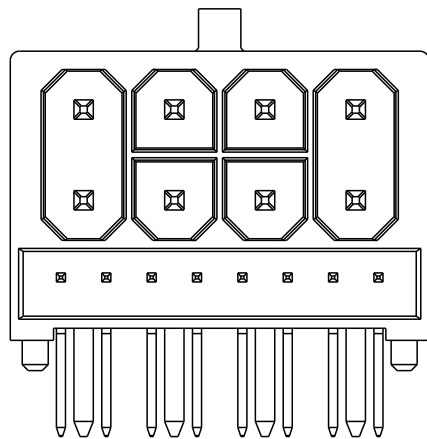


spec ref	dr	Premchand, Pra	2023/03/15	projection	MM	size	A3	scale	4:1
tolerance std	eng	Premchand, Pra	2025/01/20	chr	-	ecn no	ELX-I-53559-1	rel level	Released
ISO 406	appr	Paul Mithun	2025/01/20	product family	- MINITEK PWR	rel level	Released		
ISO 1101									
surface	linear	0.X	$\pm .25$	Amphenol FCI	RIGHT ANGLE HEADER	dwg no	10167519	rev	C
		0.XX	± 0.20		PICPWR OCP				
		0.XXX	$\pm -$						
ISO 1302	angular	0°	$\pm 2^\circ$	amphenol-icc.com	cat. no.	-	Product - Customer Drw	sheet 1 of 3	

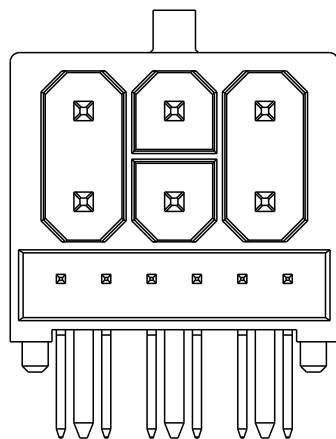
VIEW OF 12 POSITION HEADER



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-XXXXXXL F

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

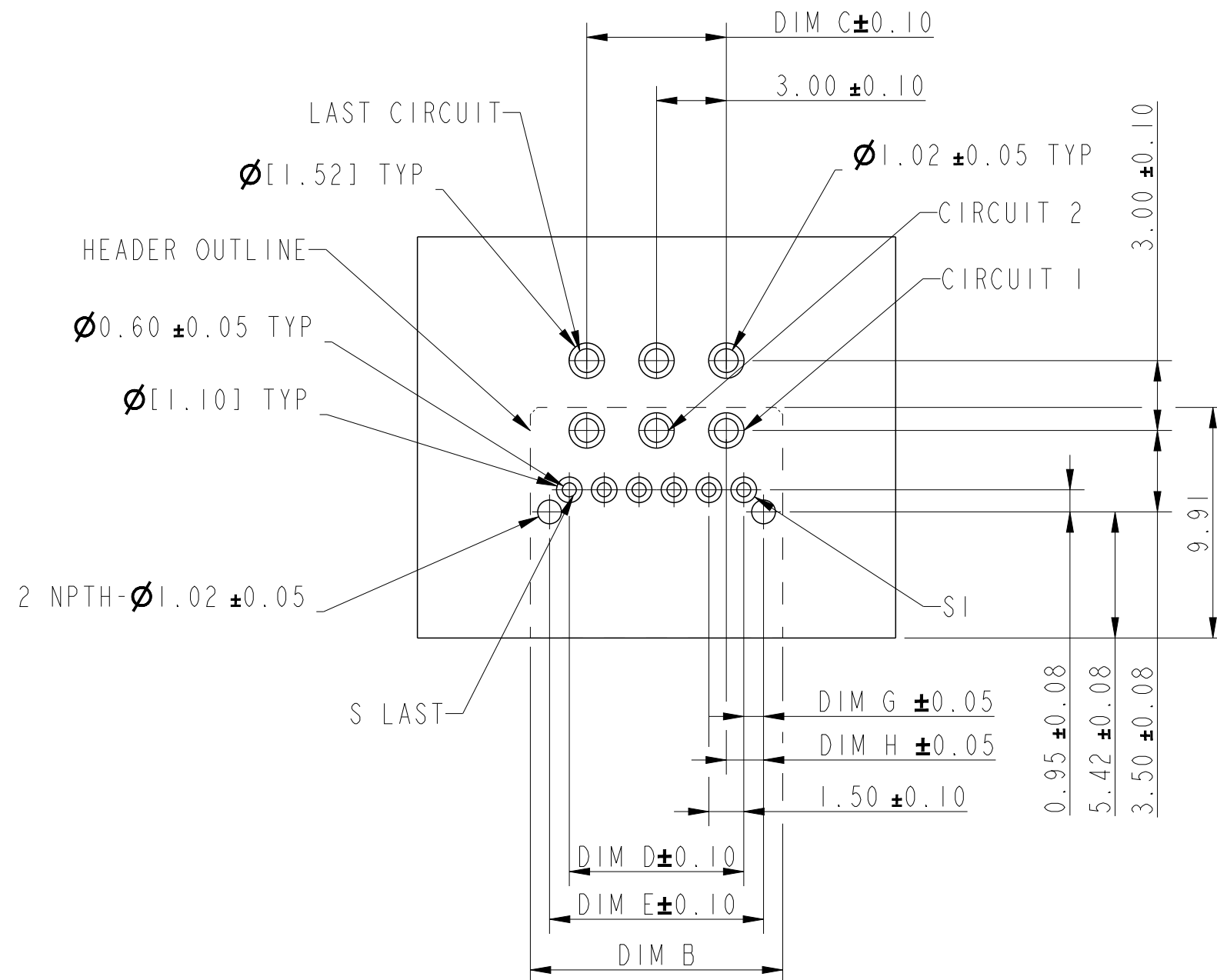
1- 30μ" MINIMUM Au ON CONTACT AREA AND 100μ" TIN ON SOLDER TAIL

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



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

spec ref				dr	Premchand, Pra	2023/03/15			size	A3	scale	2:1
tolerance std ISO 406 ISO1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Premchand, Pra	2025/01/20			ecn no	ELX-I-53559-1		
				chr	-	-			rel level Released			
				appr	Paul Mithun	2025/01/20						product family
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	