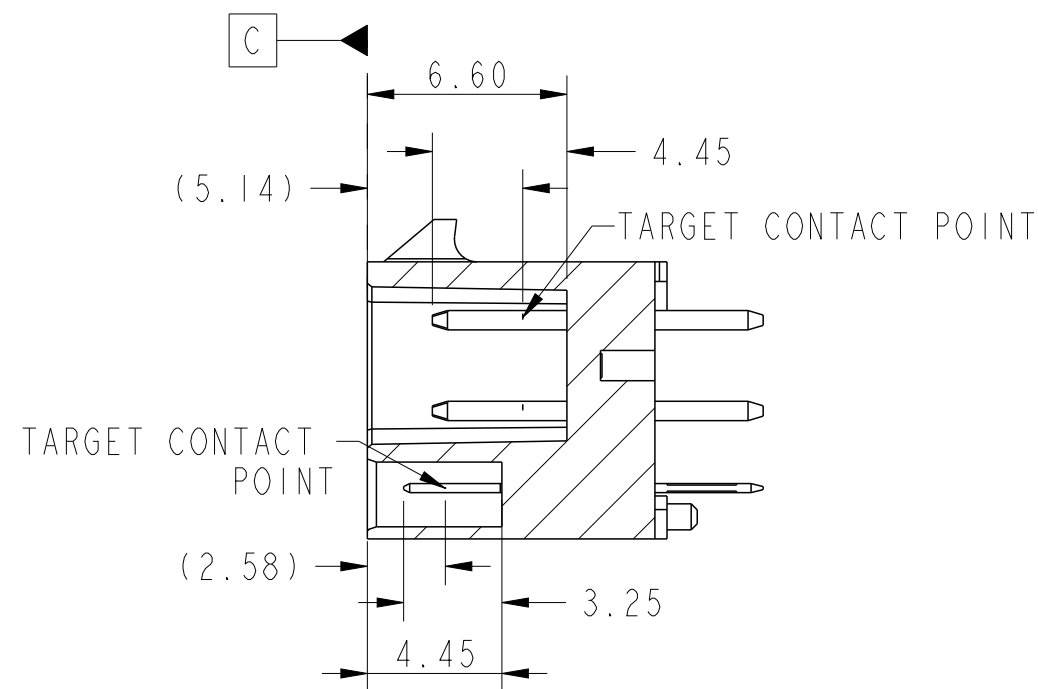
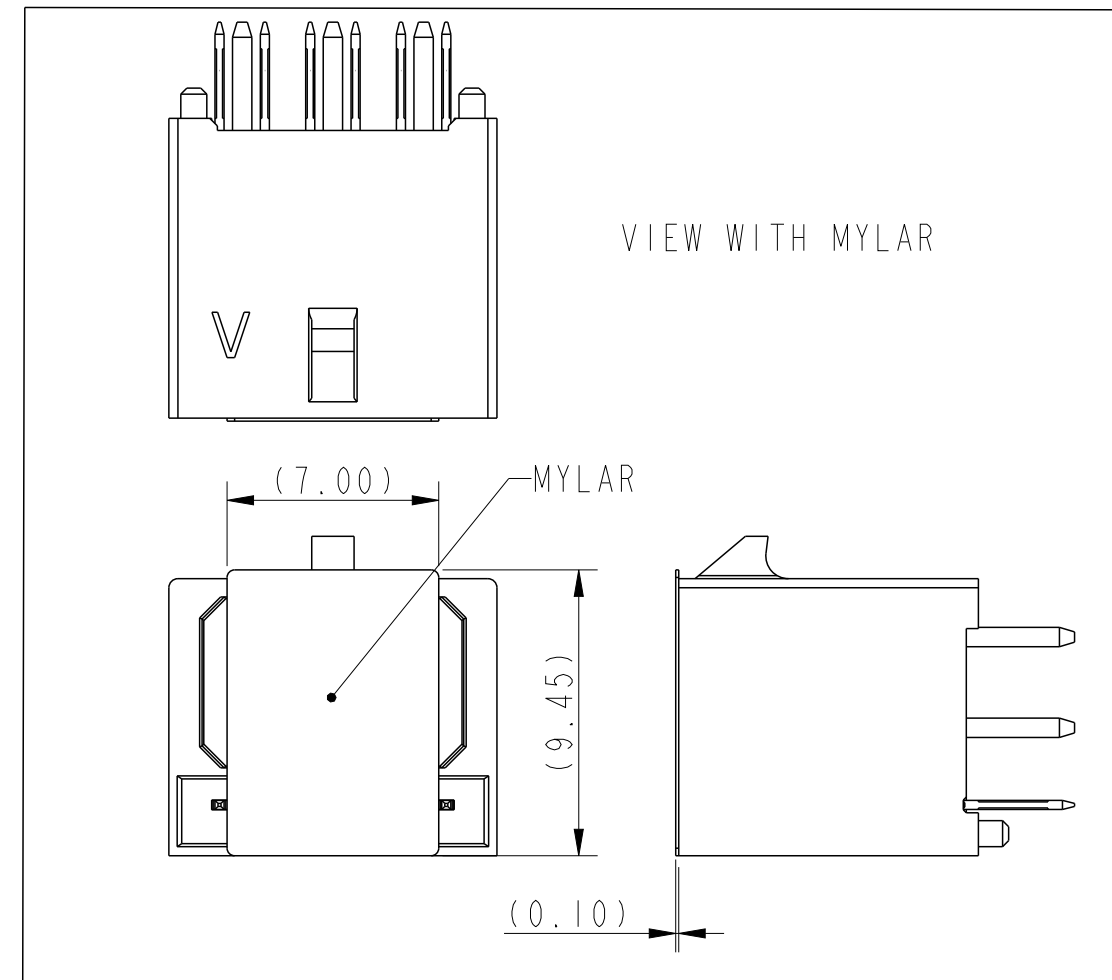
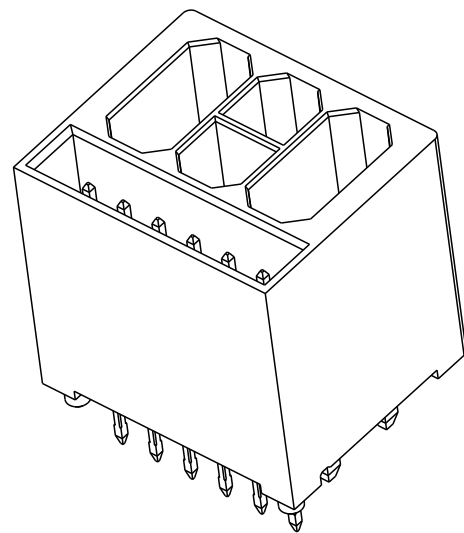
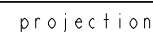
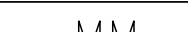
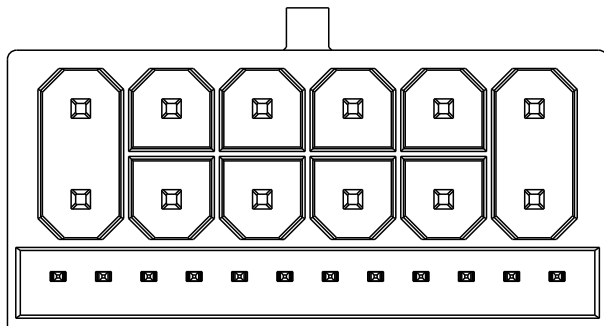


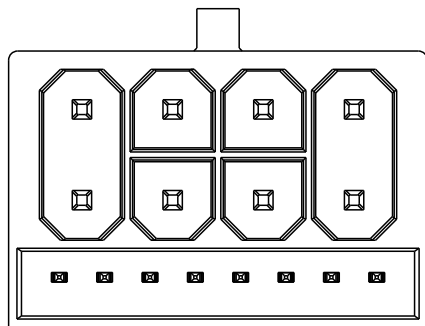


spec ref -				dr Premchand, Pra		2023/03/15						size A3		scale 4:1			
tolerance std ISO 406 ISO1101 TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Premchand, Pra		2025/01/20						ecn no ELX-I-53565-1					
				chr -		-											
				appr Paul Mithun		2025/01/20		product family -				rel level Released					
surface - ISO 1302		linear		0.X		±.25		Amphenol FCI title VERTICAL HEADER PICPWR OCP				dwg no 10167520				rev C	
				0.XX		±.20											
				0.XXX		±											
		angular		0°		±--°		amphenol-icc.com		cat. no. -		Product - Customer Drw				sheet 1 of 3	

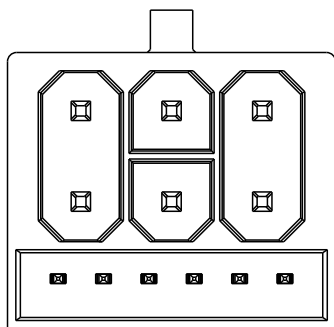
VIEW OF 12 POSITION HEADER



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
SIGNAL CONTACT : 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, 10171570 & 10169259
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

10167520-XXXXXXXXLF

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)
5- 3.60MM

PACKING OPTION

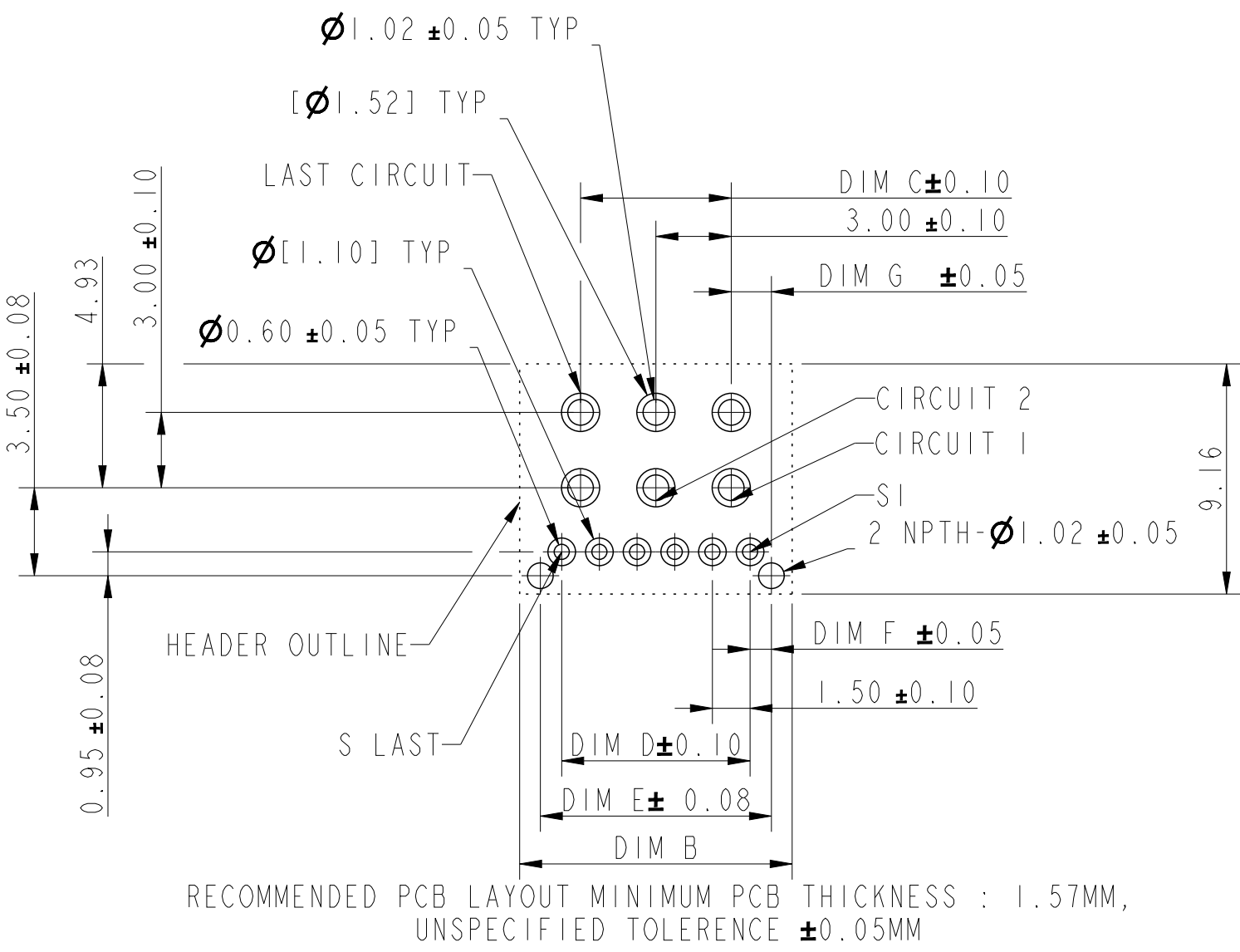
1- TRAY PACKAGING
T- TAPE & REEL, WITHOUT KAPTON TAPE
C- TAPE & REEL, WITH KAPTON TAPE

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
10167520-1212XXXLF	19.85	15.00	16.50	18.80	1.15	1.90	19.00
10167520-0808XXXLF	13.85	9.00	10.50	12.20	0.85	1.60	13.00
10167520-0606XXXLF	10.85	6.00	7.50	9.20	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	eng	Premchand, Pra	2025/01/20	chr	-	ecn no	ELX-I-53565-1	rel level	Released
surface	linear	appr	Paul Mithun	2025/01/20	product family	-	rel level	Released	rev	C
ISO 1302	angular	0°	±--°	Amphenol FCi	VERTICAL HEADER	dwg no	10167520	cat. no.	-	Product - Customer Drw
				amphenol-icc.com	PICPWR OCP					sheet 2 of 3



spec ref -				dr	Premchand, Pra	2023/03/15	projection	MM	size	A3	scale	2:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Premchand, Pra	2025/01/20			ecn no	ELX-I-53565-1			
				chr	-	-			rel level Released				
				appr	Paul Mithun	2025/01/20						product family	
surface ISO 1302	linear	0.X	±.25	Amphenol FCI	title VERTICAL HEADER				dwg no	10167520		rev	C
		0.XX	±.20										
		0.XXX	±										
	angular	0°	± - °										