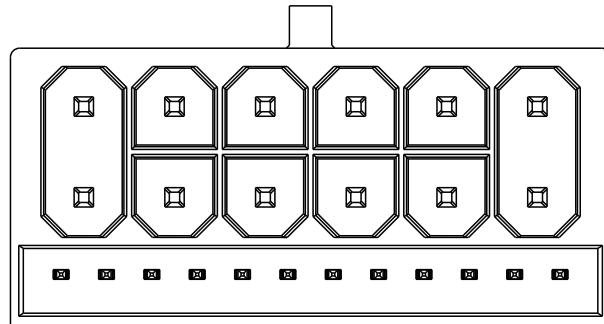
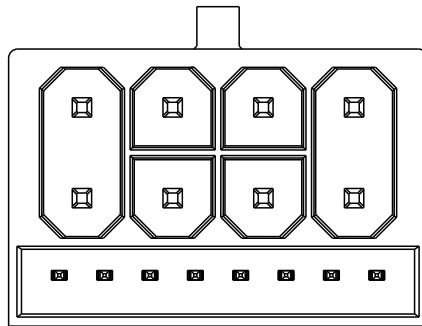


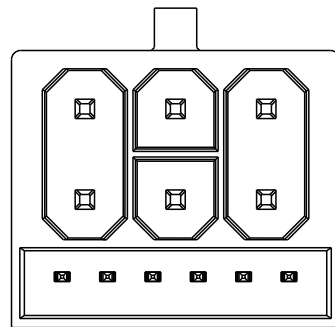
VIEW OF 12 POSITION HEADER



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

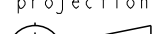
NO. OF SIGNAL PIN LOADED
12-12 PIN
08-08 PIN(SEE NOTE 7)
06-06 PIN

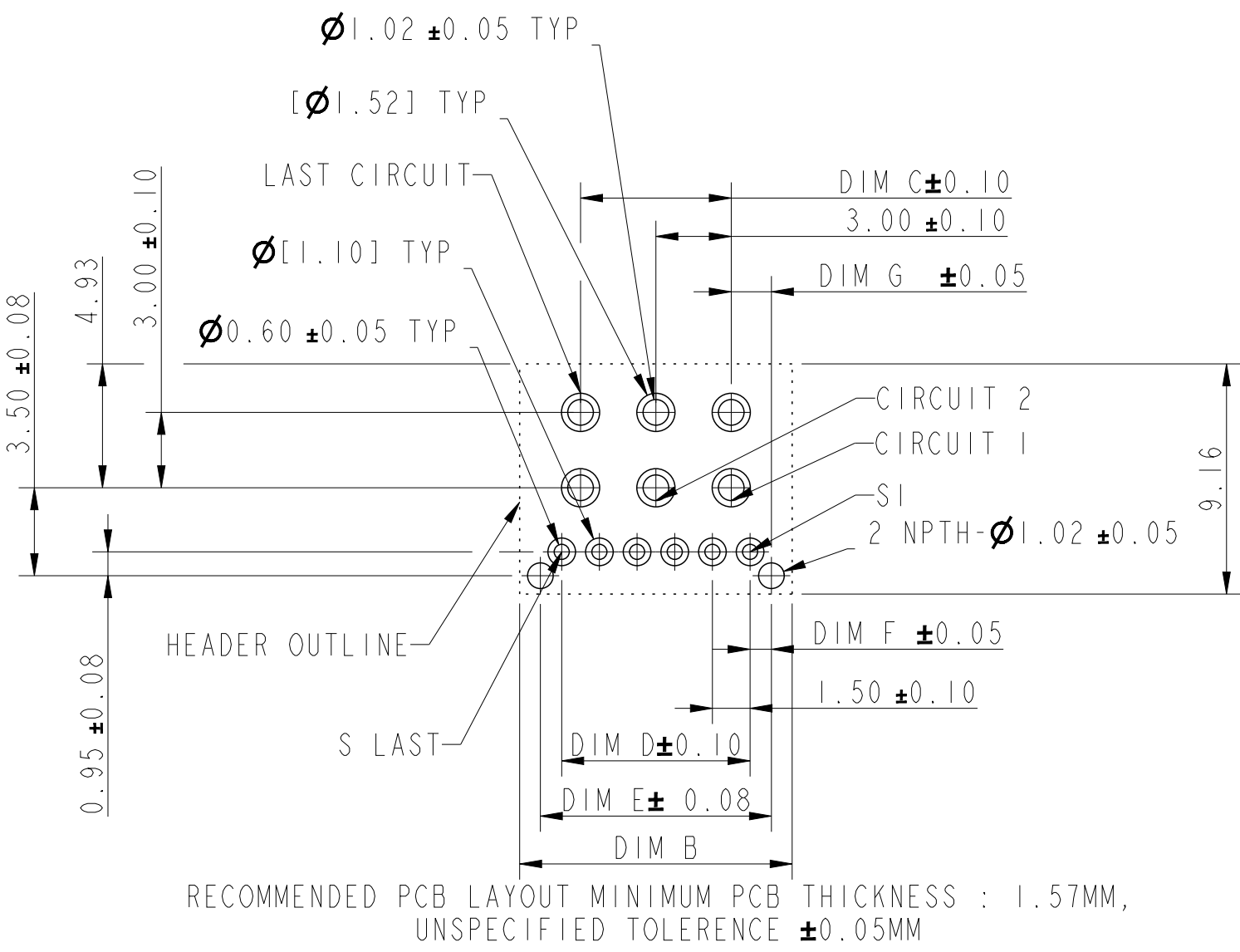
TAIL LENGTH:
1- 3.18MM
2- 2.50MM
3- 2.00MM
4- 1.60MM(SEE NOTE 7)
5- 3.60MM

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			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						
surface ISO 1302	linear	0.X	±.25	Amphenol FCi	title VERTICAL HEADER				dwg no	10167520		rev C
		0.XX	±.20									
		0.XXX	±									
	angular	0°	±--°	amphenol-icc.com	cat. no.	-	Product - Customer Drw			sheet 2 of 3		



spec ref -				dr Premchand, Pra		2023/03/15		projection	MM	size A3		scale 2:1											
tolerance std				eng Premchand, Pra		2025/01/20				ecn no ELX-I-53565-1													
ISO 406 ISO1101				chr -		-				rel level Released													
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Paul Mithun		2025/01/20		product family															
surface		linear		0.X		±.25		Amphenol FCI				title VERTICAL HEADER		dwg no 10167520		rev C							
				0.XX		±.20																	
				0.XXX		±																	
ISO 1302		angular		0°		± --°		amphenol-icc.com				cat. no.				Product - Customer Drw				sheet 3 of 3			