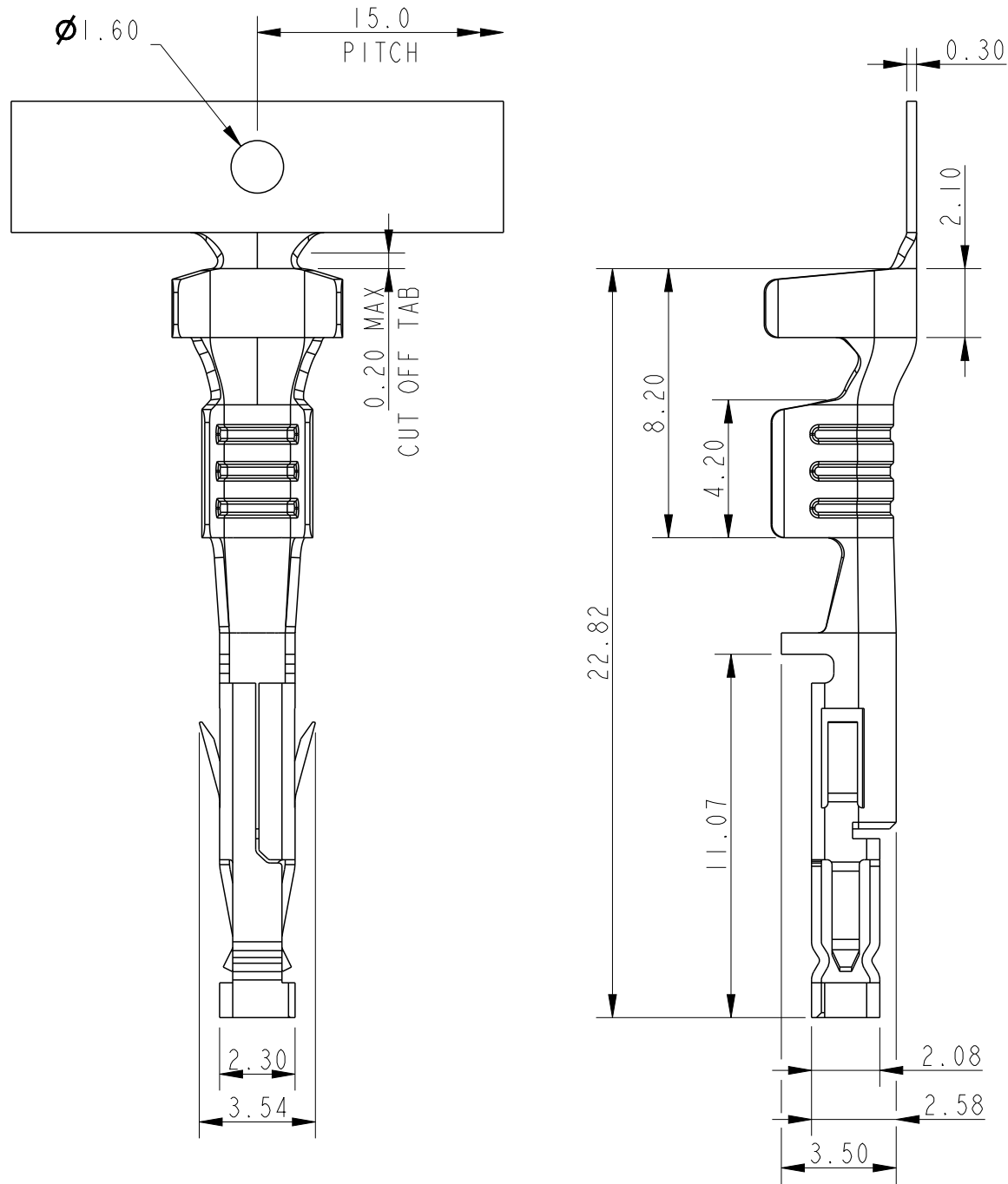
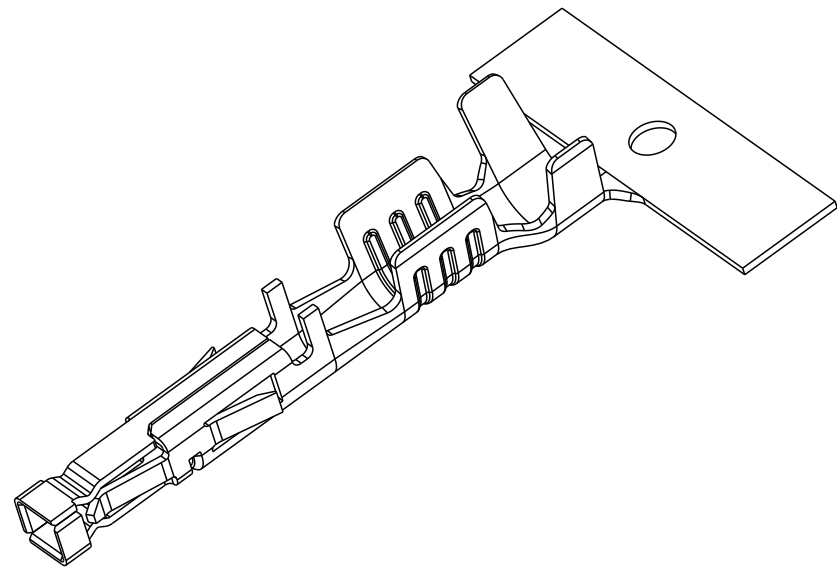




NOTE :

1. MATERIAL : HIGH CONDUCTIVITY COPPER ALLOY
2. PLATING :
CONTACT AREA : OPTIONAL, SEE PART NUMBER SCHEMATIC
CRIMP AREA : 100μ" MINIMUM MATTE TIN
UNDER LAYER : 50μ" MINIMUM NICKEL OVERALL
3. PRODUCT SPECIFICATION : TBD
4. PACKAGING SPECIFICATION : TBD
5. APPLICATION SPECIFICATION : TBD
6. APPLICABLE AWG : 10AWG, 12AWG, 14AWG&16AWG
7. THIS LF PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004
8. NOT YET TOOLED UP
9. PART NUMBER SCHEMATIC,

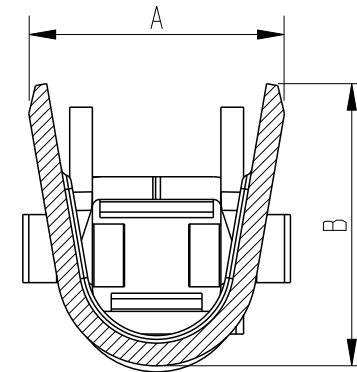
MATERIAL _____
1 : HIGH CONDUCTIVITY COPPER ALLOY

PLATING FINISH _____
0 : 30μ" MINIMUM GOLD PLATING SELECTIVE
1 : 15μ" MINIMUM GOLD PLATING SELECTIVE
2 : 100μ" MINIMUM MATTE TIN OVERALL
3 : GOLD FLASH SELECTIVE

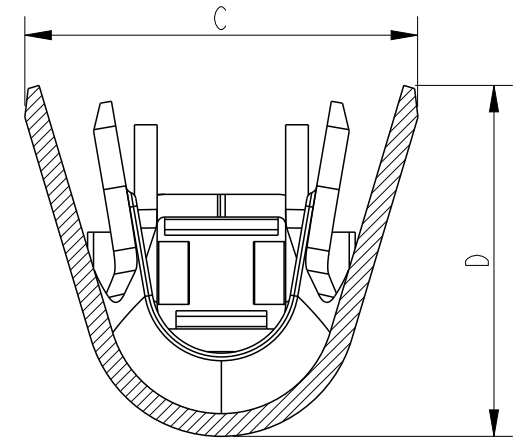
10174856 - X X X LF

LEAD FREE

AWG RANGE
1 : 14-16AWG
2 : 12AWG
3 : 10AWG



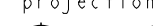
SECTION A-A
SCALE 10:1



SECTION B-B
SCALE 10:1

PART NUMBER	AWG	A	B	C	D
10174856-1X1LF	14-16AWG	3.38	3.73	5.20	4.64
10174856-1X2LF	12AWG	4.92	4.80	5.85	5.86
10174856-1X3LF	10AWG	6.05	5.49	5.85	5.86

PRELIMINARY

spec ref				dr	Vishnu Babu	2026/04/01			size	A3	scale	5:1										
tolerance std				eng	Vishnu Babu	2026/04/01			ecn no				ELX-I-284924-1									
ISO 406				chr	-	-			rel level				Released									
ISO 1101				appr	Mathew Jacob	2026/04/01			product family				MINITEK									
surface				TOLERANCES UNLESS OTHERWISE SPECIFIED					RECEPTACLE CRIMP TERMINAL				dwg no	10174856	rev	A						
ISO 1302				linear	0.X	±0.30	Amphenol FCI	MINITEK POWER 5.7				cat. no.				-	Product - Customer Drw				sheet 1 of 1	
				angular	0°	±2°		amphenol-icc.com														