

Product Name:	HPL – 511 USB	
	USB3.1 TYPE-C plug ,Kits	
Product Manager:	Cui, Noel	
Subject:	Notification of Change with Immediate Effectivity	
Distribution:	Affected customers	
Type of Change:	Documentation Change	
Change Description:	Add new part number 10144277-30001LF for PCB style selection	
Reason for Change:	New part number to distinguish between two different types of PCB. One type has white dots on it, while the other type has black dots. Refer to the customer drawing for details.	
Affected Parts:	10144277 series	
Effective Date of Change:	May,05 2026	
Last Time Buy Date:	NA	
Earliest Disty Return Date:	NA	
Last Time Shipment Date	NA	
Datasheet Attached?	Yes	
Qual/Test Data Attached?	Yes	
Samples Availability Date:	05 May ,2026	
Available Alternatives?		
Questions?	Contact your local ACS Representative, or Product Manager	
	Cui, Noel / Product Manager	
	noel.cui@amphenol-fci.com	

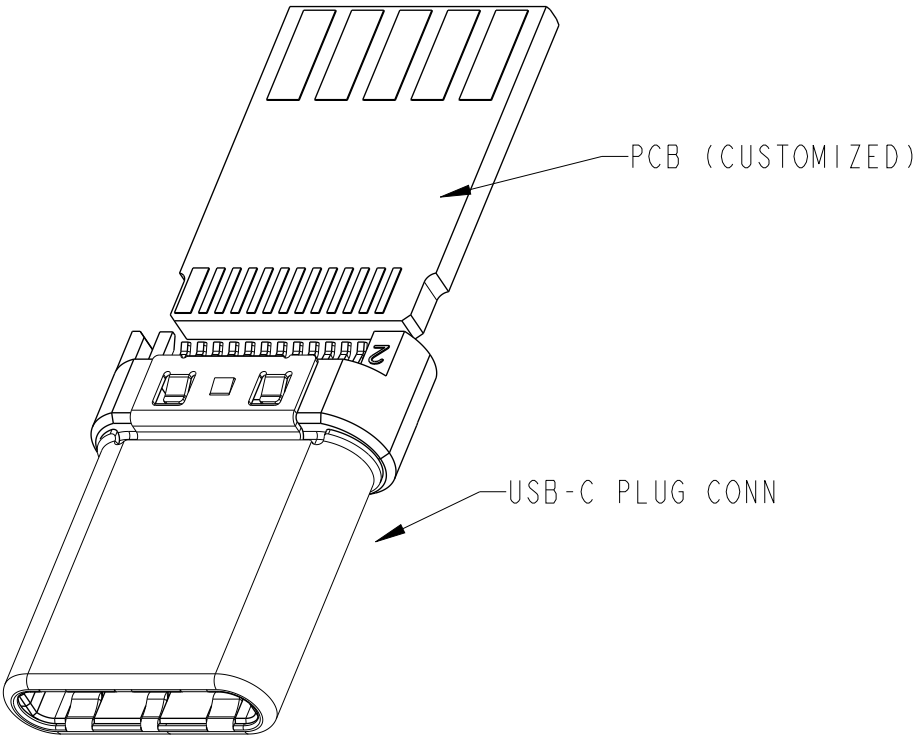
Note:

Customers should contact Product Line Manager (or their local Amphenol Representative) directly regarding any concern on the PCN. Lack of any such customer feedback within three weeks of PCN release date will be interpreted as non-objection .

NOTE:
1.MATERIAL:
1.1 USB-C PLUG CONN (P/N:10133475)
1.2 PCB (CUSTOMIZED)
2.LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DISCRIBLED IN GS-22-008
3.PRODUCT IS HALOGEN FREE PRODUCTS.
4.DIMENSIONING SHALL BE INTERPRETED PER ANSI Y14.5-2009;
5.THIS DESIGN COMPLY WITH UNIVERSAL SERIAL BUS TYPE-C SPECIFICATION

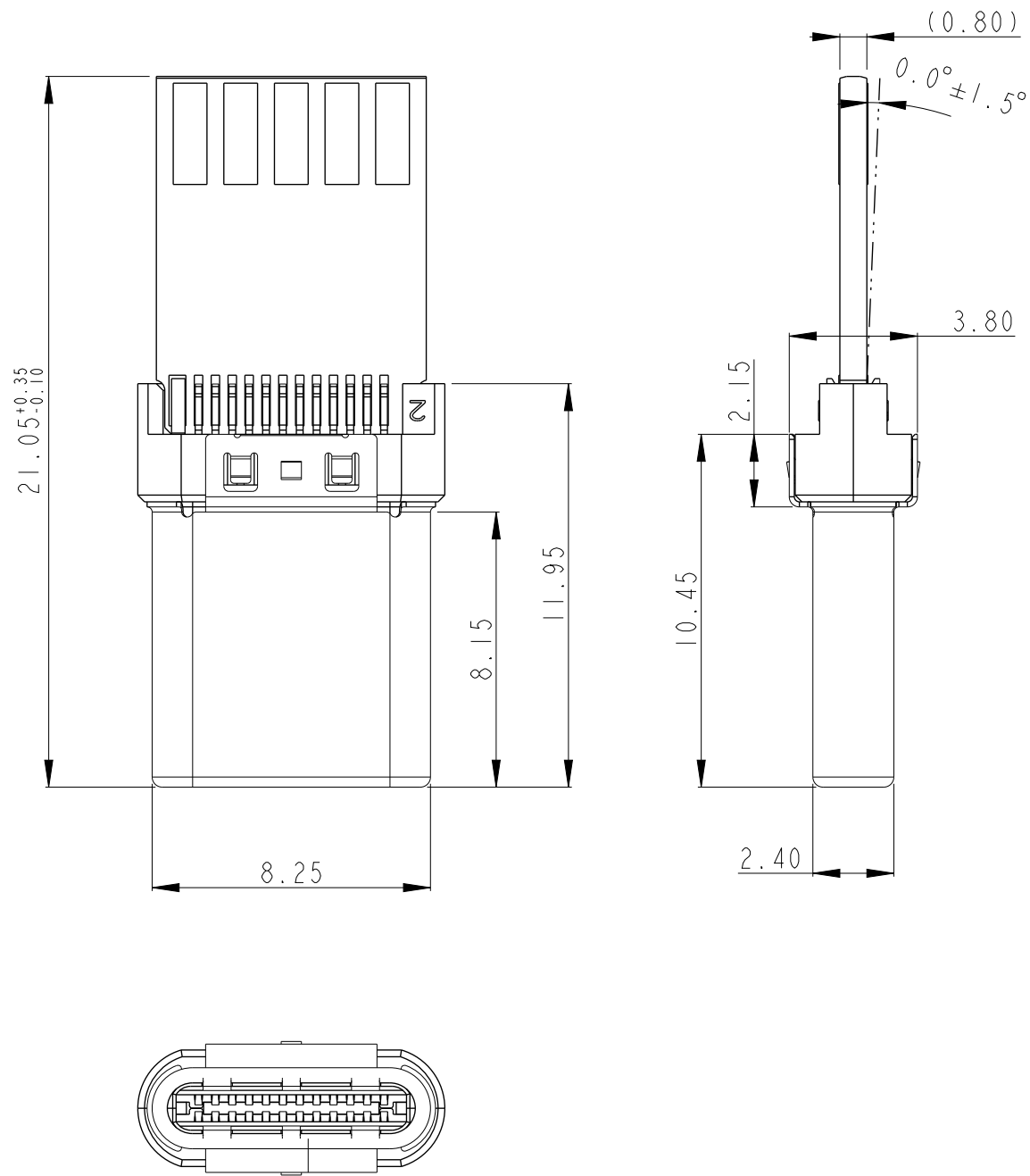
PART MUNBER CODE:10144277 - X 0 0 0 X LF

- CONN OPTION
- 0. 10133475-10000LF
 - 1. 10133475-10000LF
 - 2. 10133475-10001LF
- PCB AND ELECTRON COMPONENT OPTION
- 2: WITH PCB STYLE 2 (REF SHEET 2)
 - 3: WITH PCB STYLE 3 (REF SHEET 3)
 - 4: WITH PCB STYLE 4 (REF SHEET 4)
 - 5: WITH PCB STYLE 5 + FEMALE HEADER 10 POS CONN (REF SHEET 5)
 - 6: WITH PCB STYLE 6 + HEADER 10POS CONN+ RESISTORS (REF SHEET 6)
 - 7: WITH PCB STYLE 7 (REF SHEET 7)
 - 8: WITH PCB STYLE 8 (REF SHEET 8)

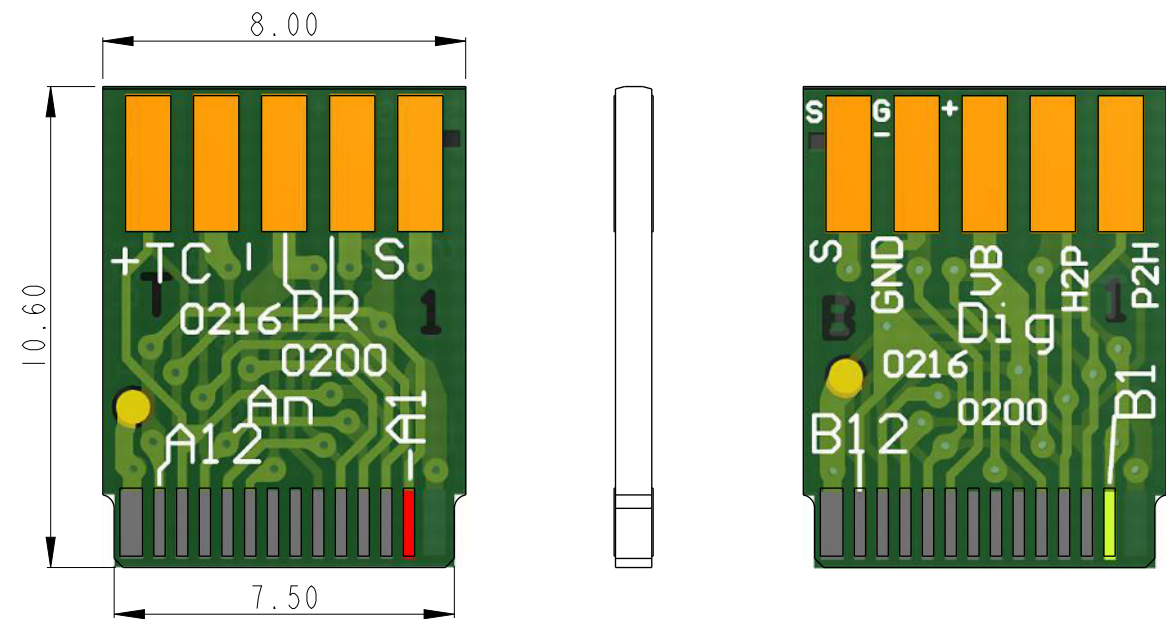


spec ref		-		dr	LQ.Lei	2017-6-14			size	A3	scale	1.000
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Y-Y.BAO	2021-08-05			ecn no			
				chr	LQ.LEI	2021-08-05			rel level			
				appr	TIM.YAO	2021-08-05			Change In Progress			
product family												
surface ISO 1302	linear	0.X	±0.35		title USB Type-C CABLE PLUG KITS				dwg no	10144277		rev G
		0.XX	±0.25									
		0.XXX	±0.15									
	angular	0°	±2°			cat. no.	Product - Customer Drw				sheet 1 of 8	

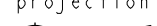
PART MUNBER
10144277-20000LF



PCB STYLE 2

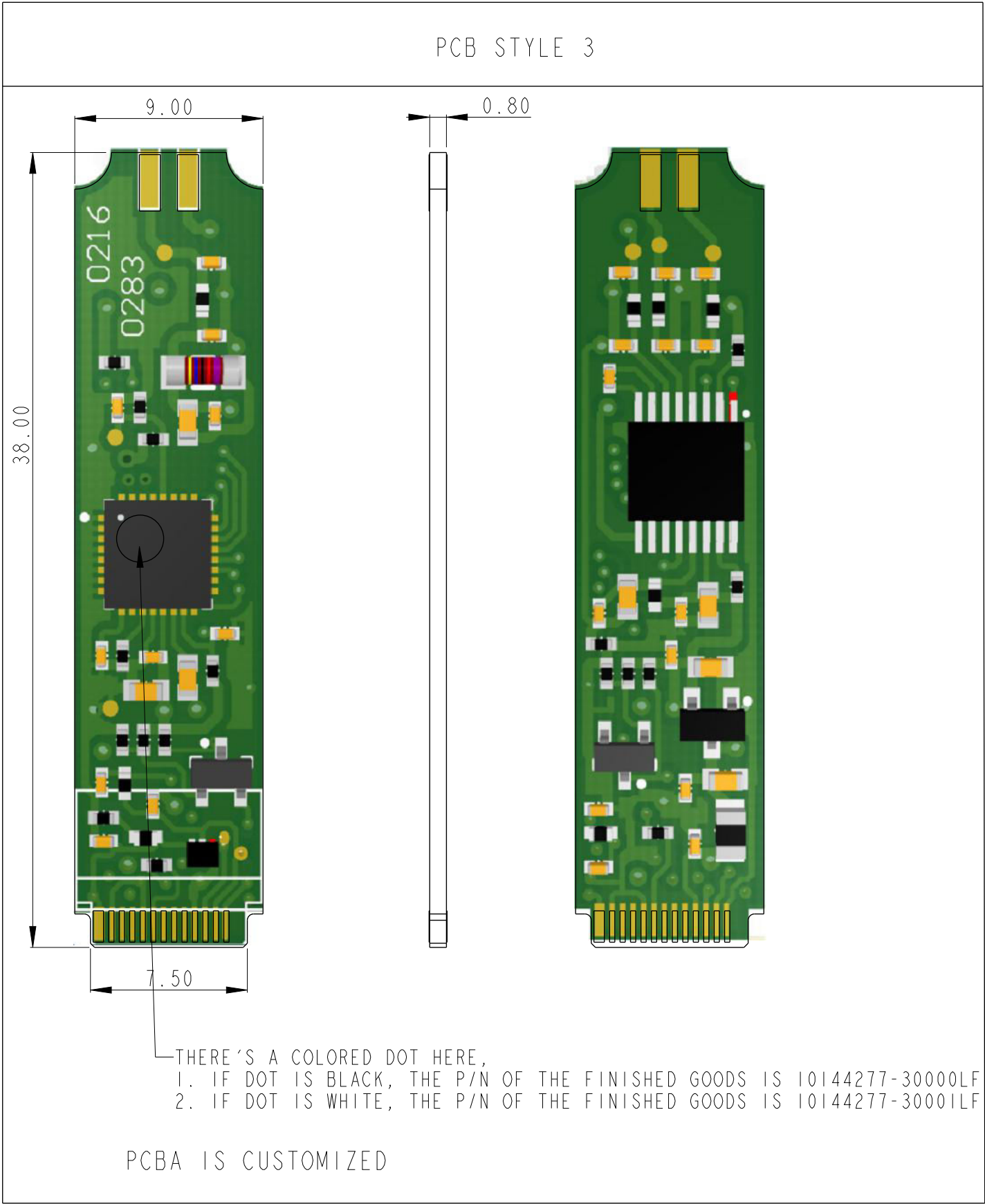
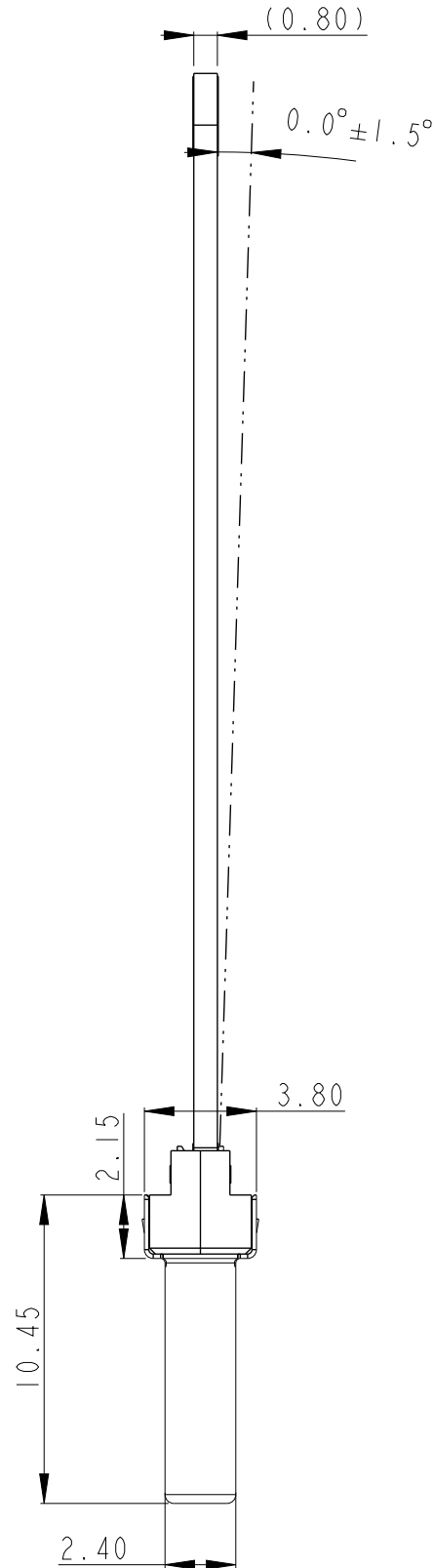
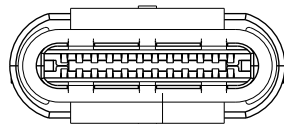
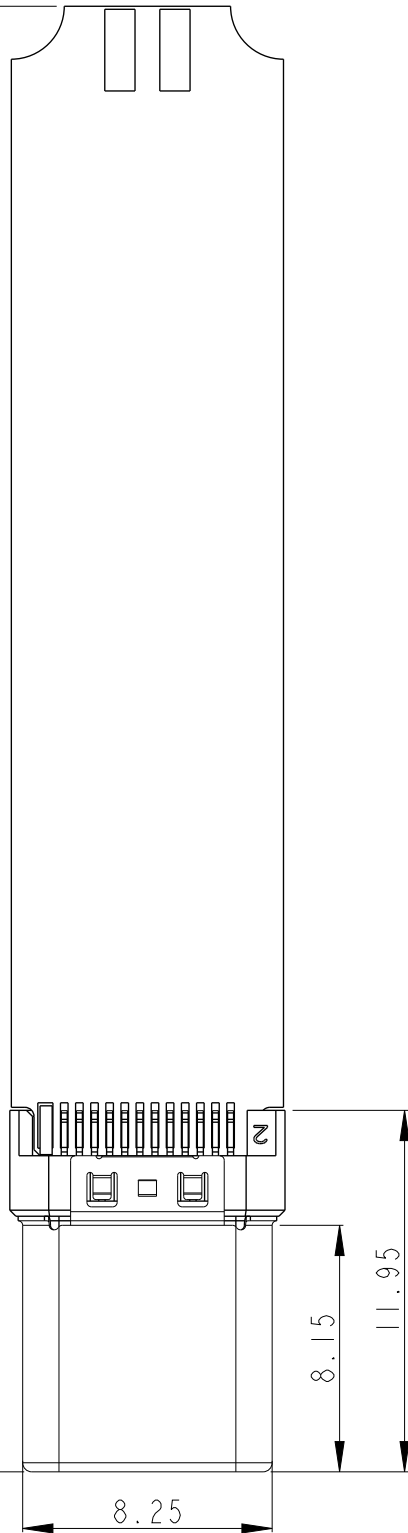


1. MATERIAL: FR-4, DOUBLE LAYER;
2. CU THICKNESS: 1 OZ
3. SURFACE TREATMENT: TIN COATING

spec ref -				dr	LQ.Lei	2017-6-14			size	A3	scale	5.000
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Y-Y.BAO	2021-08-05			ecn no			
				chr	LQ.LEI	2021-08-05			rel level Change In Progress			
				appr	TIM.YAO	2021-08-05						
surface ISO 1302	linear	0.X	±0.35		title USB Type-C CABLE PLUG KITS				dwg no	10144277		rev G
		0.XX	±0.25									
		0.XXX	±0.15									
		angular	0°	±2°		cat. no.			Product - Customer Drw			sheet 2 of 8

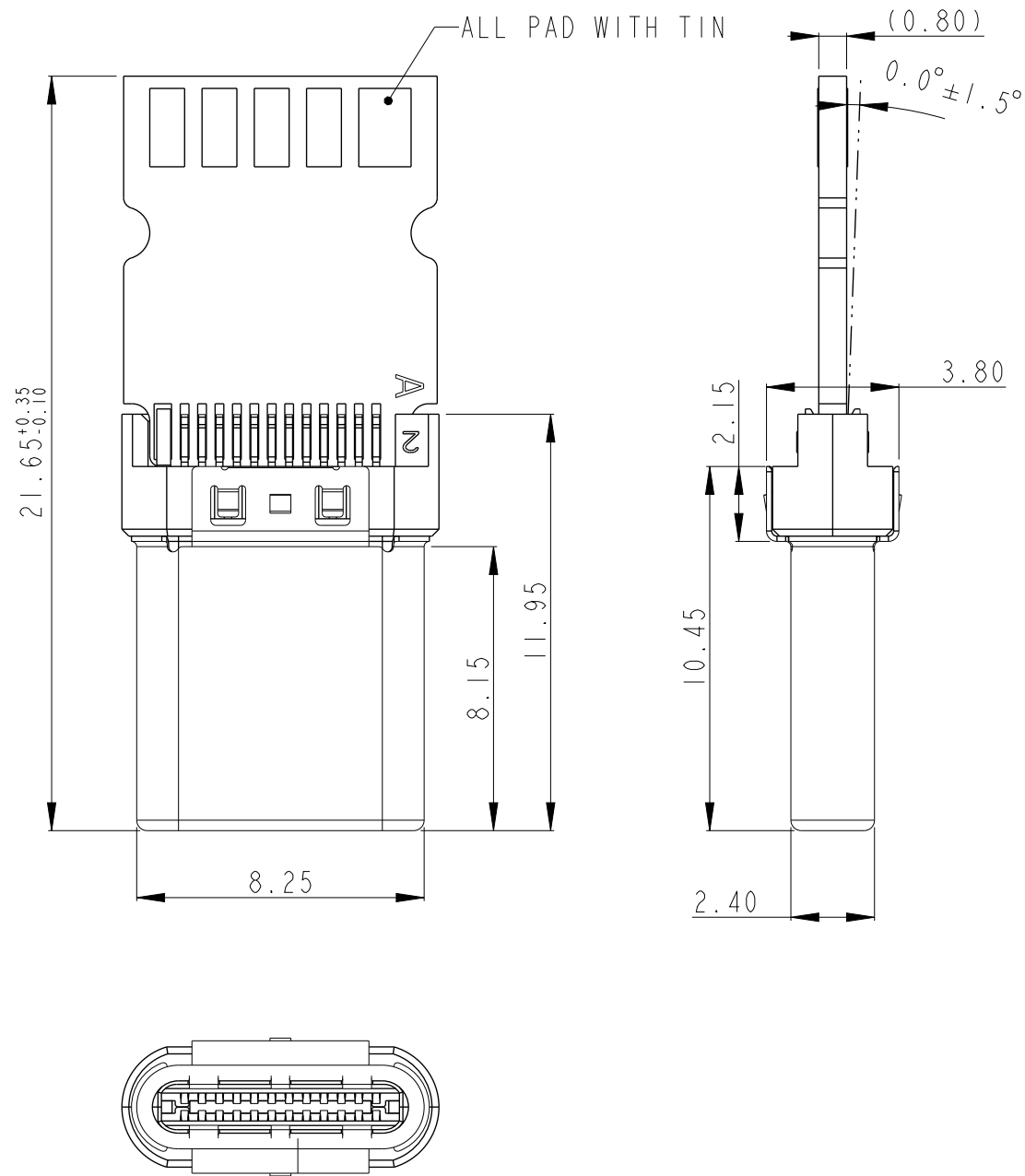
PART MUNBER	COLOR OF THE DOT
10144277-30000LF	BLACK
10144277-30001LF	WHITE

48.45^{+0.35}_{-0.10}

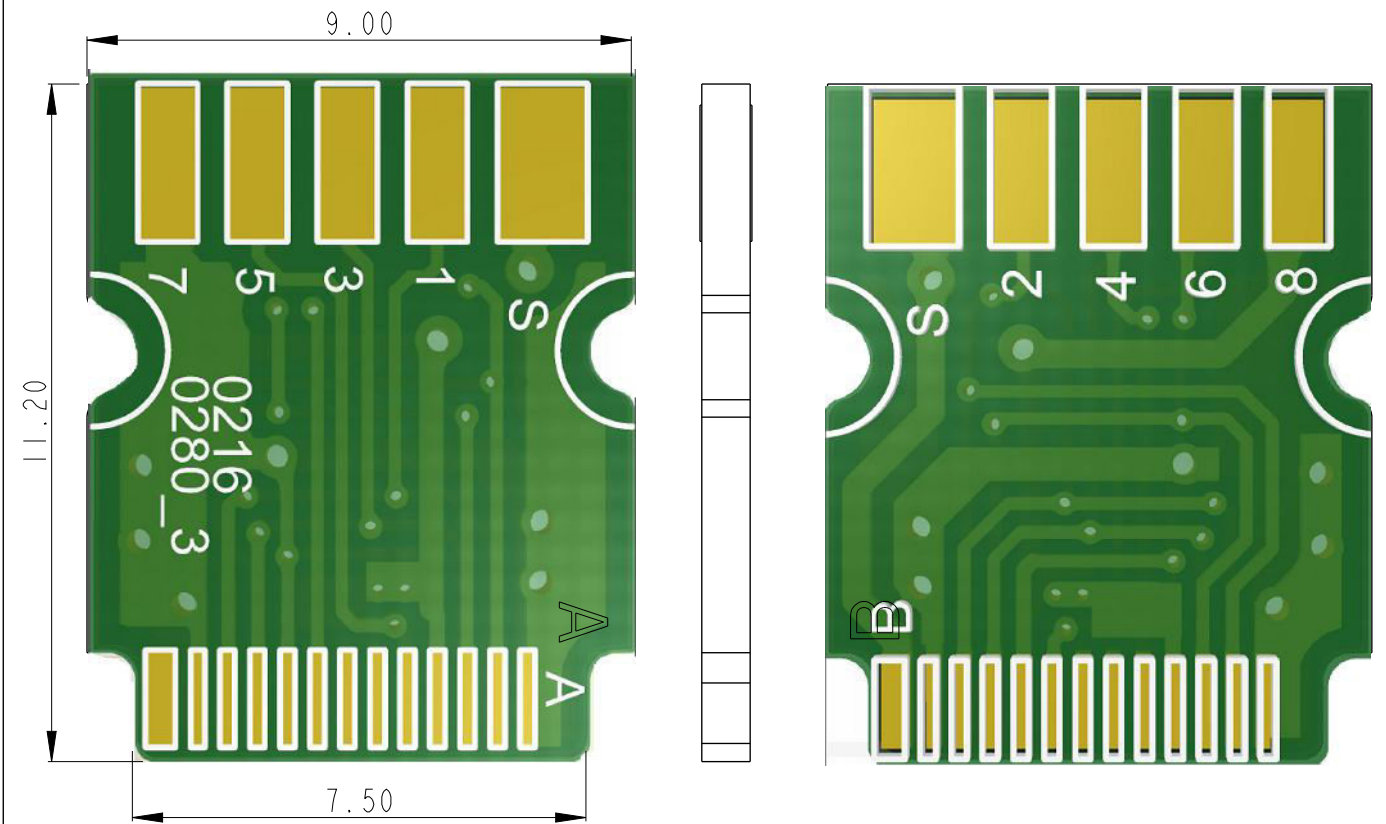


spec ref		-		dr		LQ.Lei		2017-6-14		projection		mm		size		A3		scale		1.000	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Y-Y.BAO		2021-08-05						ecn no		rel level Change In Progress					
ISO 406				chr		LQ.LEI		2021-08-05													
ISO 1101				appr		TIM.YAO		2021-08-05													
surface		linear		0.X		±0.35		Amphenol FCI		title		USB Type-C		dwg no		10144277		rev		G	
				0.XX		±0.25															
				0.XXX		±0.15															
ISO 1302		angular		0°		±2°				cat. no.		Product - Customer Drw		sheet 3 of 8							

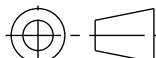
PART MUNBER
10144277-40000LF



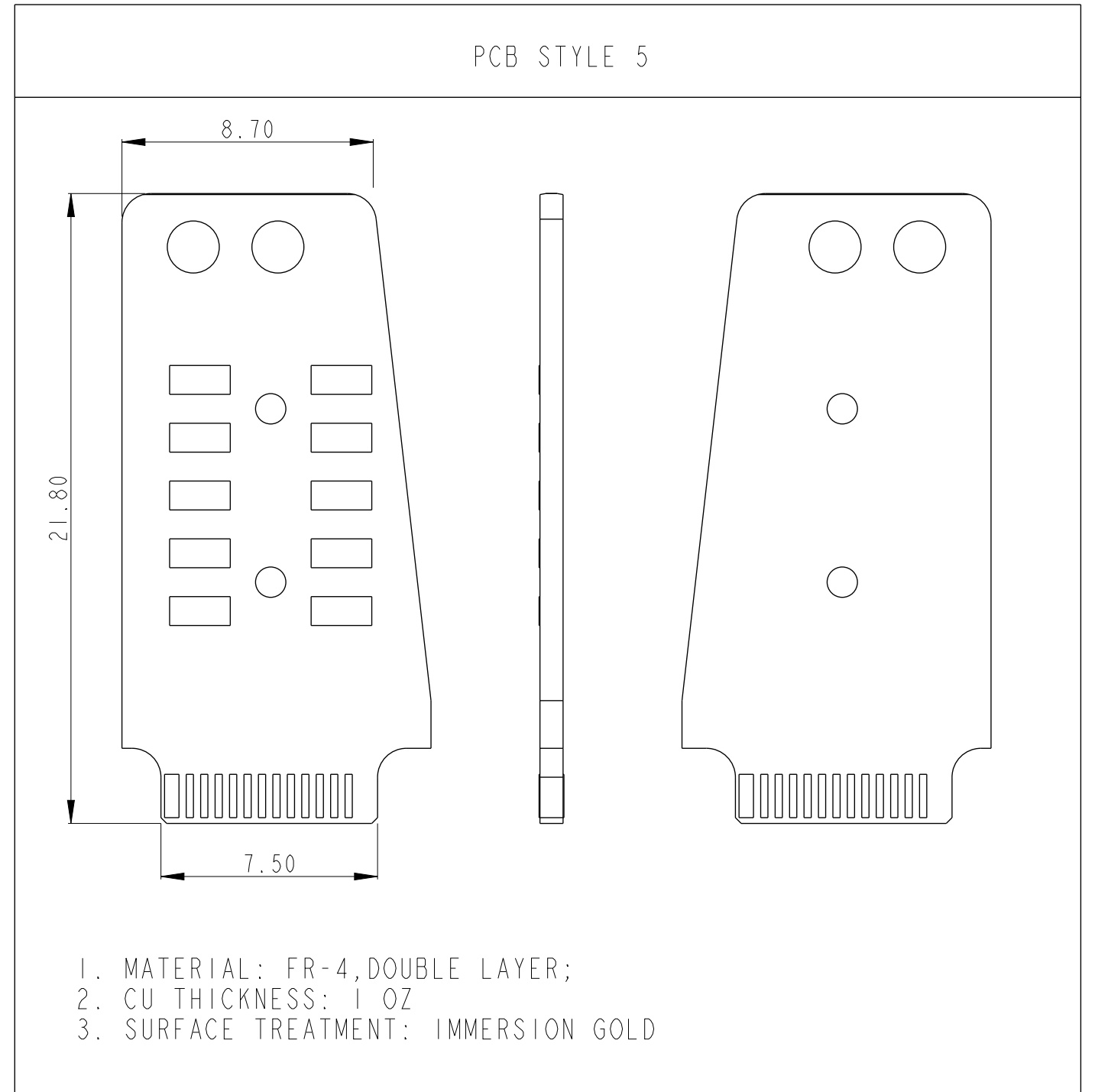
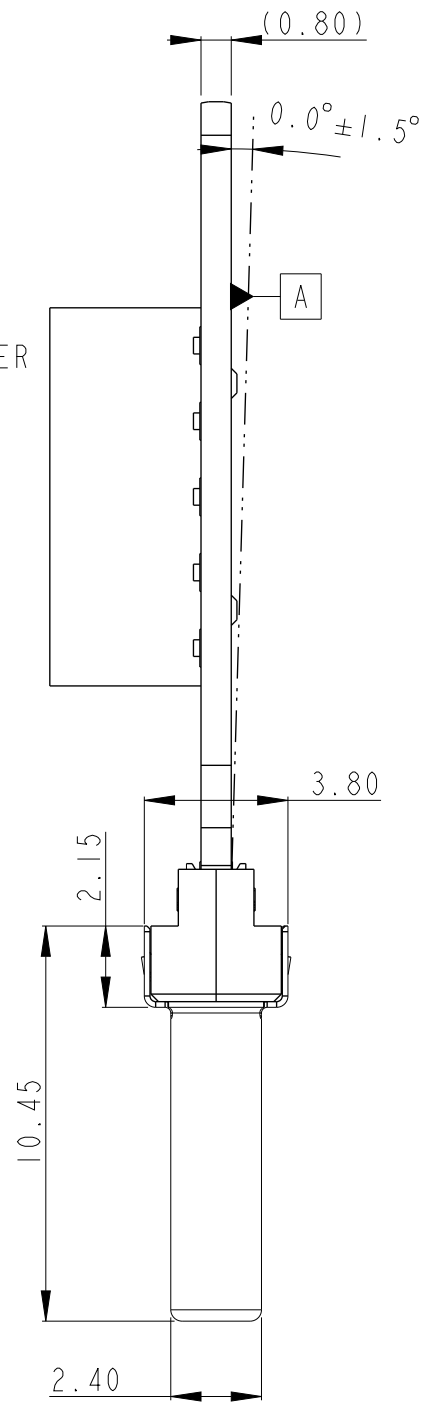
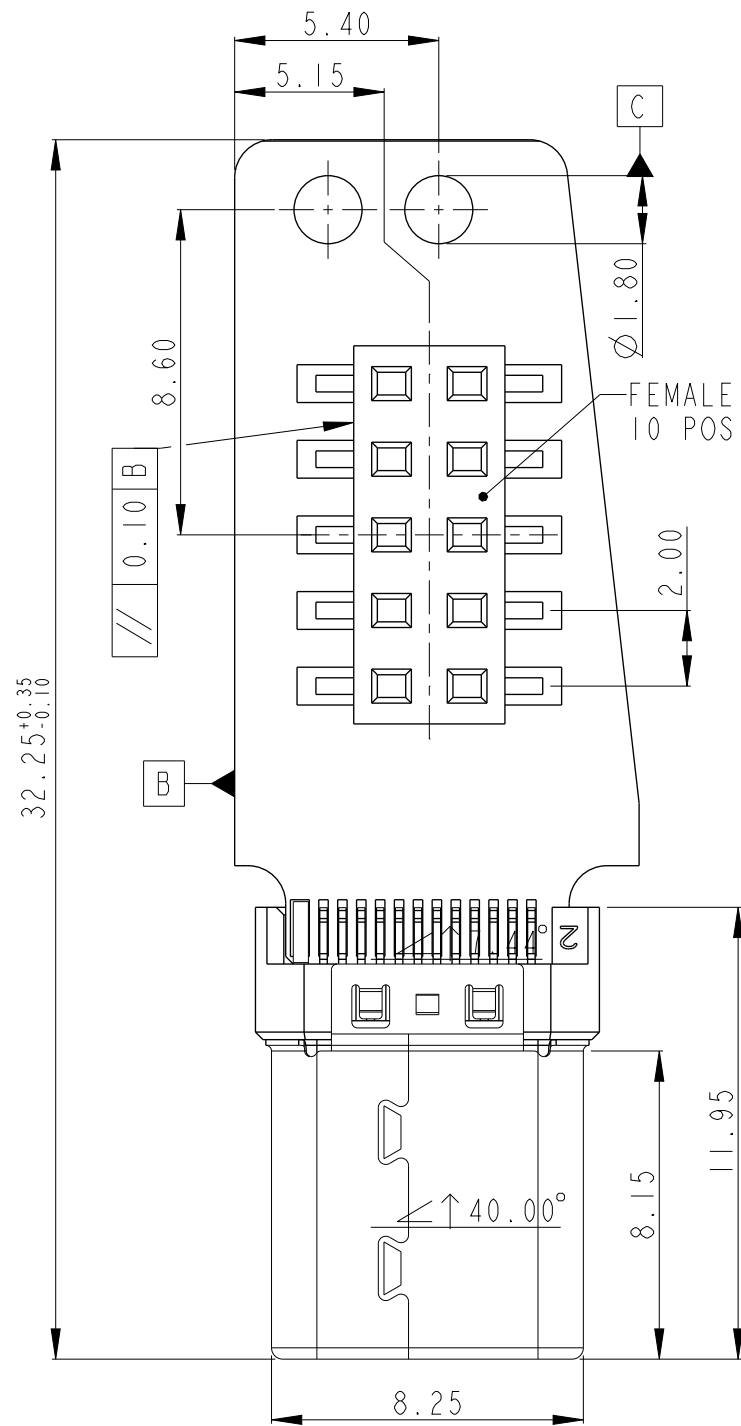
PCB STYLE 4



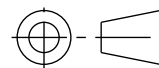
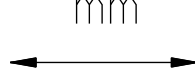
1. MATERIAL: FR-4, DOUBLE LAYER;
2. CU THICKNESS: 1 OZ
3. SURFACE TREATMENT: IMMERSION GOLD

spec ref -				dr	LQ.Lei	2017-6-14	projection 	mm 	size	A3	scale	4.000
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Y-Y.BAO	2021-08-05			ecn no			
				chr	LQ.LEI	2021-08-05			rel level Change In Progress			
				appr	TIM.YAO	2021-08-05			product family			
surface ISO 1302	linear	0.X	±0.35		title USB Type-C CABLE PLUG KITS				dwg no	10144277		rev G
		0.XX	±0.25									
		0.XXX	±0.15									
		angular	0°	±2°	cat. no.	Product - Customer Drw				sheet 4 of 8		

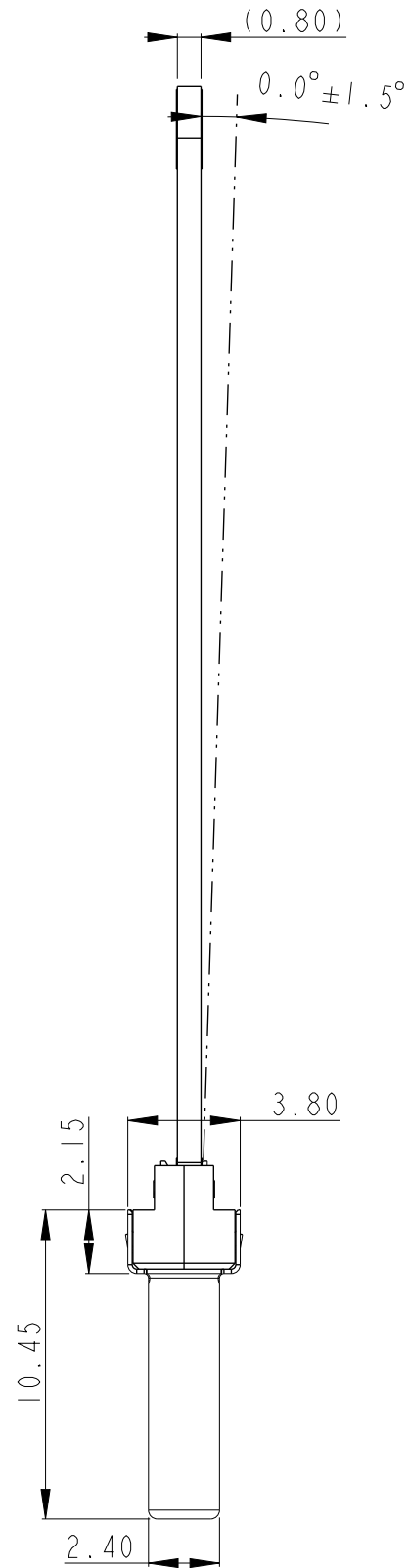
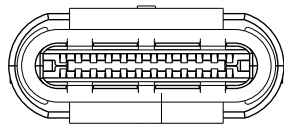
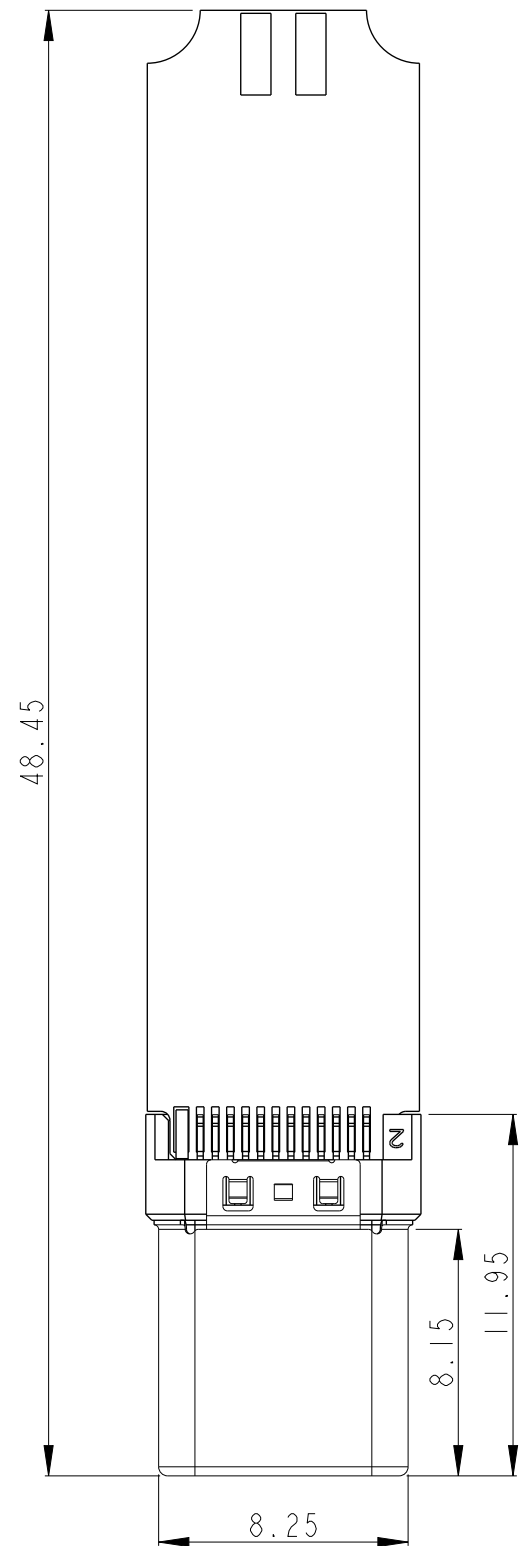
PART MUNBER
10144277-50000LF



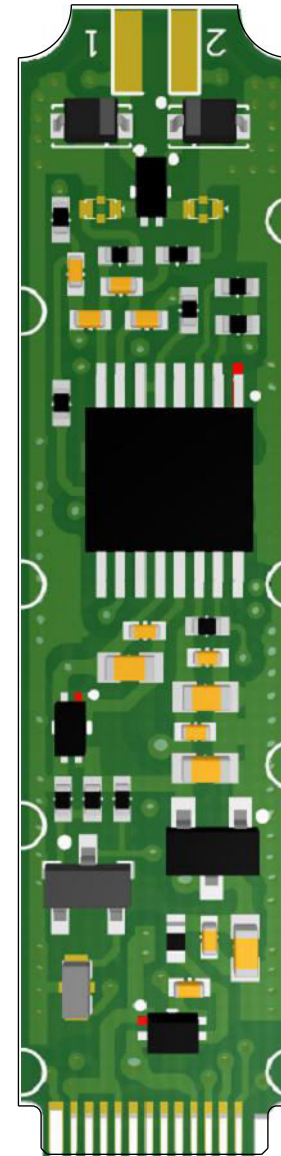
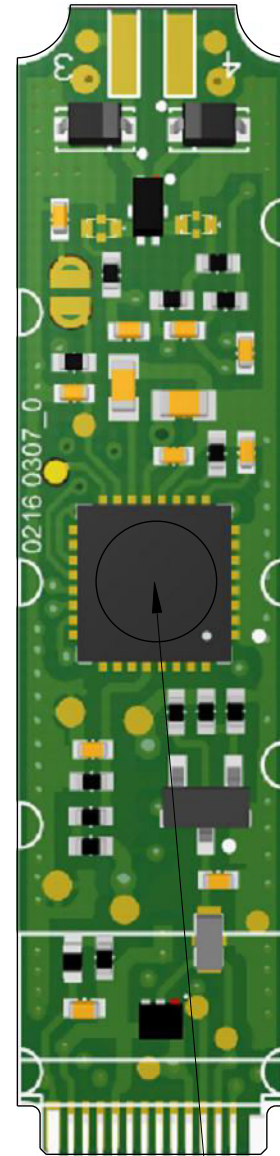
1. MATERIAL: FR-4, DOUBLE LAYER;
2. CU THICKNESS: 1 OZ
3. SURFACE TREATMENT: IMMERSION GOLD

spec ref -				dr	LQ.Lei	2017-6-14			size	A3	scale	1.000	
tolerance std				eng	Y-Y.BAO	2021-08-05			ecn no				
ISO 406				chr	LQ.LEI	2021-08-05			rel level				
ISO 1101				appr	TIM.YAO	2021-08-05			Change In Progress				
surface	linear	0.X	±0.35		title USB Type-C CABLE PLUG KITS				dwg no	10144277		rev	G
		0.XX	±0.25										
		0.XXX	±0.15										
	ISO 1302	angular	0°	±2°	cat. no.	Product - Customer Drw				sheet 5 of 8			

PART MUNBER	COLOR OF THE DOT
10144277-70000LF	BLACK
10144277-70001LF	WHITE

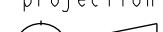


PCB STYLE 3

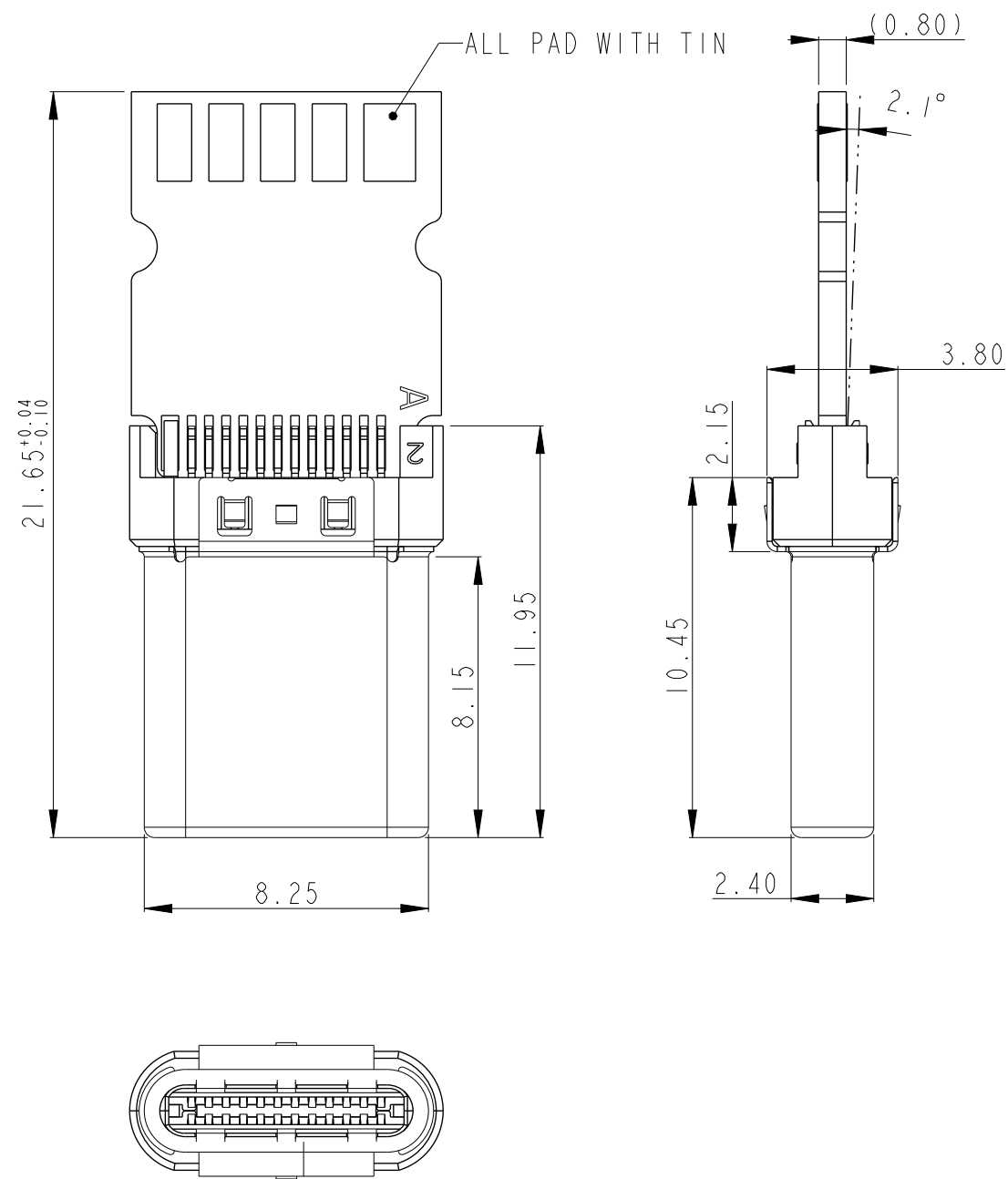


THERE'S A COLORED DOT HERE,
1. IF THE COLOR IS BLACK, THE P/N OF THE FINISHED GOODS IS 10144277-70000LF
2. IF THE COLOR IS WHITE, THE P/N OF THE FINISHED GOODS IS 10144277-70001LF

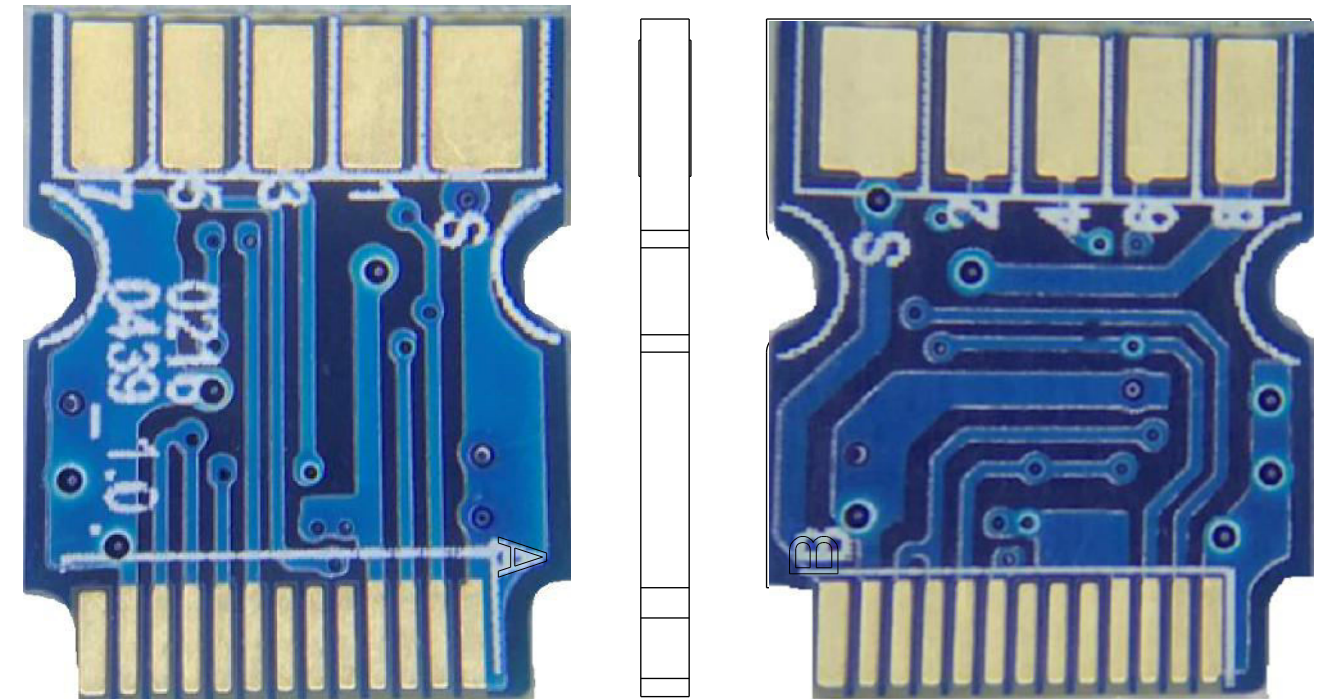
PCBA IS CUSTOMIZED

spec ref -				dr	LQ.Lei	2017-6-14			size	A3	scale	1.000
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Y-Y.BAO	2021-08-05			ecn no			
				chr	LQ.LEI	2021-08-05						
				appr	TIM.YAO	2021-08-05			product family			
surface ISO 1302	linear	0.X	±0.35	Amphenol FCI	title USB Type-C CABLE PLUG KITS				dwg no	10144277		rev G
		0.XX	±0.25									
		0.XXX	±0.15									
		angular	0°	±2°		cat. no.				Product - Customer Drw		sheet 7 of 8

PART MUNBER
10144277-80000LF



PCB STYLE 8



1. MATERIAL: FR-4, DOUBLE LAYER;
2. CU THICKNESS: 1 OZ
3. SURFACE TREATMENT: IMMERSION GOLD

spec ref		-		dr	LQ.Lei	2017-6-14			size	A3	scale	4.000
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Y-Y.BAO	2021-08-05			ecn no			
ISO 406				chr	LQ.Lei	2021-08-05			rel level Change In Progress			
ISO 1101				appr	TIM.YAO	2021-08-05						
surface  ISO 1302	linear	0.X	±0.35		title USB Type-C CABLE PLUG KITS				dwg no	10144277		rev G
		0.XX	±0.25									
		0.XXX	±0.15									
	angular	0°	±2°	cat. no.		Product - Customer Drw				sheet 8 of 8		

PCN Reference	MPN	Change	Effective Date
PCN26060	10144277-20000LF	DOCUMENTATION CHANGE	MAY 10 2026
PCN26060	10144277-30000LF	DOCUMENTATION CHANGE	MAY 10 2026
PCN26060	10144277-40000LF	DOCUMENTATION CHANGE	MAY 10 2026
PCN26060	10144277-50000LF	DOCUMENTATION CHANGE	MAY 10 2026
PCN26060	10144277-60000LF	DOCUMENTATION CHANGE	MAY 10 2026
PCN26060	10144277-70000LF	DOCUMENTATION CHANGE	MAY 10 2026
PCN26060	10144277-70001LF	DOCUMENTATION CHANGE	MAY 10 2026
PCN26060	10144277-80000LF	DOCUMENTATION CHANGE	MAY 10 2026

[illegible]

[illegible]