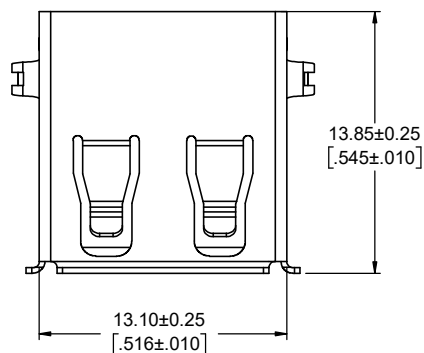


Amphenol Canada Corp - Product Change Notice (PCN)

PCN Date	February 5, 2021		
Supplier Name:	Amphenol		
Amphenol Canada PCN Number	PCN-C2101		
Description of Change #1	connector made by new housing, contact and shield tooling.		
Reason for Change #1	existing toolings are too old and need to be discarded;		
Description of Change #2	eliminate options for UE27-ACX4-X0X - beige coloured housing		
Reason for Change #2	un-common color, have no request from customer		
Description of Change #3	Correct the typing mistake		
Reason for Change #3	Correct the typing mistake-maximum temperature should be rating to 260 °C		
Summary of changes between new and old part	There has no significant difference between old and new parts (the design for old and new part are same), but maybe some visual difference caused by new tooling.		
Traceability guidelines (lot code / date code, markings, ship date...)	lot code / date code		
Last Time Buy Date	N/A		
Datasheet attached? & Filename(s)	P-UE27-ACX4-X0X & P-UE27-AEX4-X0X		
Qual Test data attached? & Filename(s)	 P-UE27-ACX4-X0 X-REVG.pdf	 P-UE27-AEX4-X0X -REVG.pdf	 Comparison between new & old USB products

Ciena Part Number	Amphenol Old Part Number	Amphenol New Part Number	PCN Effectivity Date	Samples Availability Date	Last Time Buy Date	Expected Supplier Qual Date
	UE27-AC54-100	UE27-AC54-100	01-Mar-21	15-Jan-21	05-Feb-21	
	UE27-AC54-10H	UE27-AC54-10H	01-Mar-21	15-Jan-21	05-Feb-21	
	UE27-AC74-100	UE27-AC74-100	01-Mar-21	15-Jan-21	05-Feb-21	
	UE27-AC74-10H	UE27-AC74-10H	01-Mar-21	15-Jan-21	05-Feb-21	
	UE27-AE54-100	UE27-AE54-100	01-Mar-21	15-Jan-21	05-Feb-21	
	UE27-AE54-10H	UE27-AE54-10H	01-Mar-21	15-Jan-21	05-Feb-21	
	UE27-AE74-100	UE27-AE74-100	01-Mar-21	15-Jan-21	05-Feb-21	
	UE27-AE74-10H	UE27-AE74-10H	01-Mar-21	15-Jan-21	05-Feb-21	

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
E	PRODUCT DRAWING(EAR14178)	OCT16/15	A.G.
F	UPDATE THE DRAWING FORMAT	JUN22/20	A.G.
G	UPDATE SOLDER TEMPERATURE	JUL17/20	A.G.



AMPHENOL PART NUMBER: U E 2 7 - A C X 4 - X 0 X

SERIES _____
 UE27 =USB 2.0 RECEPTACLE

TYPE _____
 A= SERIES A

STYLE _____
 C=RIGHT ANGLE PCB

CONTACT PLATING OPTION _____
 5 = 0.76µm(30µ") GOLD ON CONTACT MATING AREA OVER
 1.27µm(50µ") NICKEL OVERALL.
 2.54µm(100µ") TIN PLATING ON CONTACT TAILS.

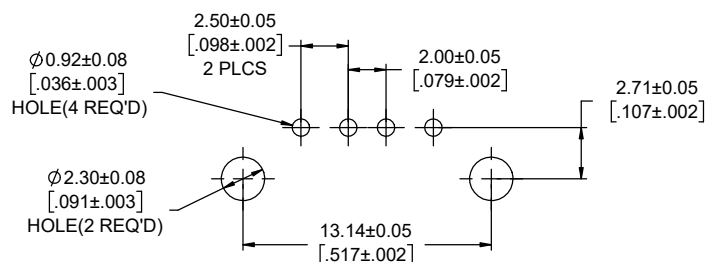
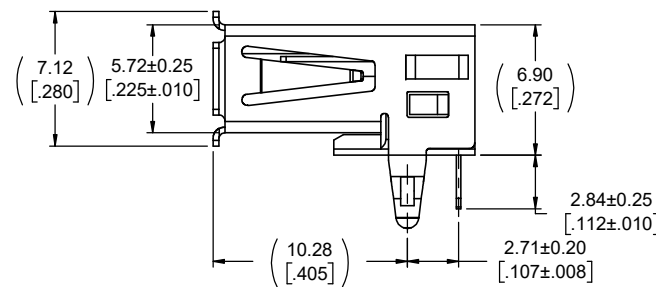
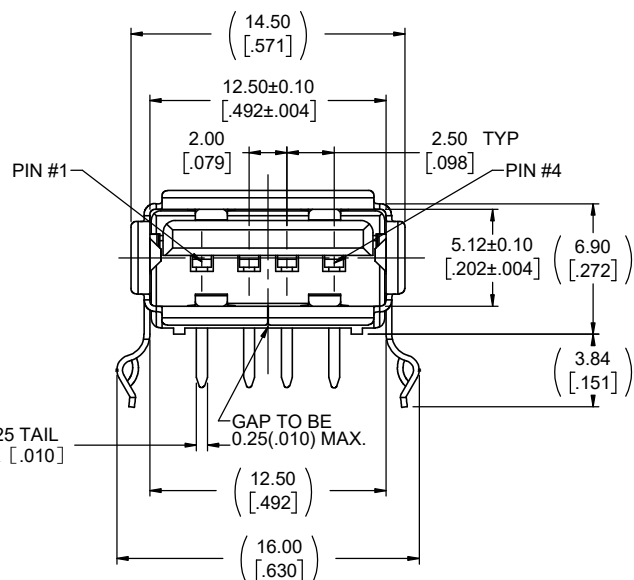
7 = GOLD FLASH ON CONTACT MATING AREA OVER
 1.27µm(50µ") NICKEL OVERALL.
 2.54µm(100µ") TIN PLATING ON CONTACT TAILS.

MODIFIER _____
 0=PBT HOUSING
 H=HIGH TEMPERATURE HOUSING
 (MAXIMUM TEMPERATURE RATING 260°C FOR 10s)

SHIELDING STYLE _____
 0=NO REAR SHIELD

COLOUR _____
 1 = BLACK

NUMBER OF CONTACTS _____
 4 = 4 CONTACTS



RECOMMENDED PC BOARD LAYOUT
 COMPONENT SIDE OF BOARD

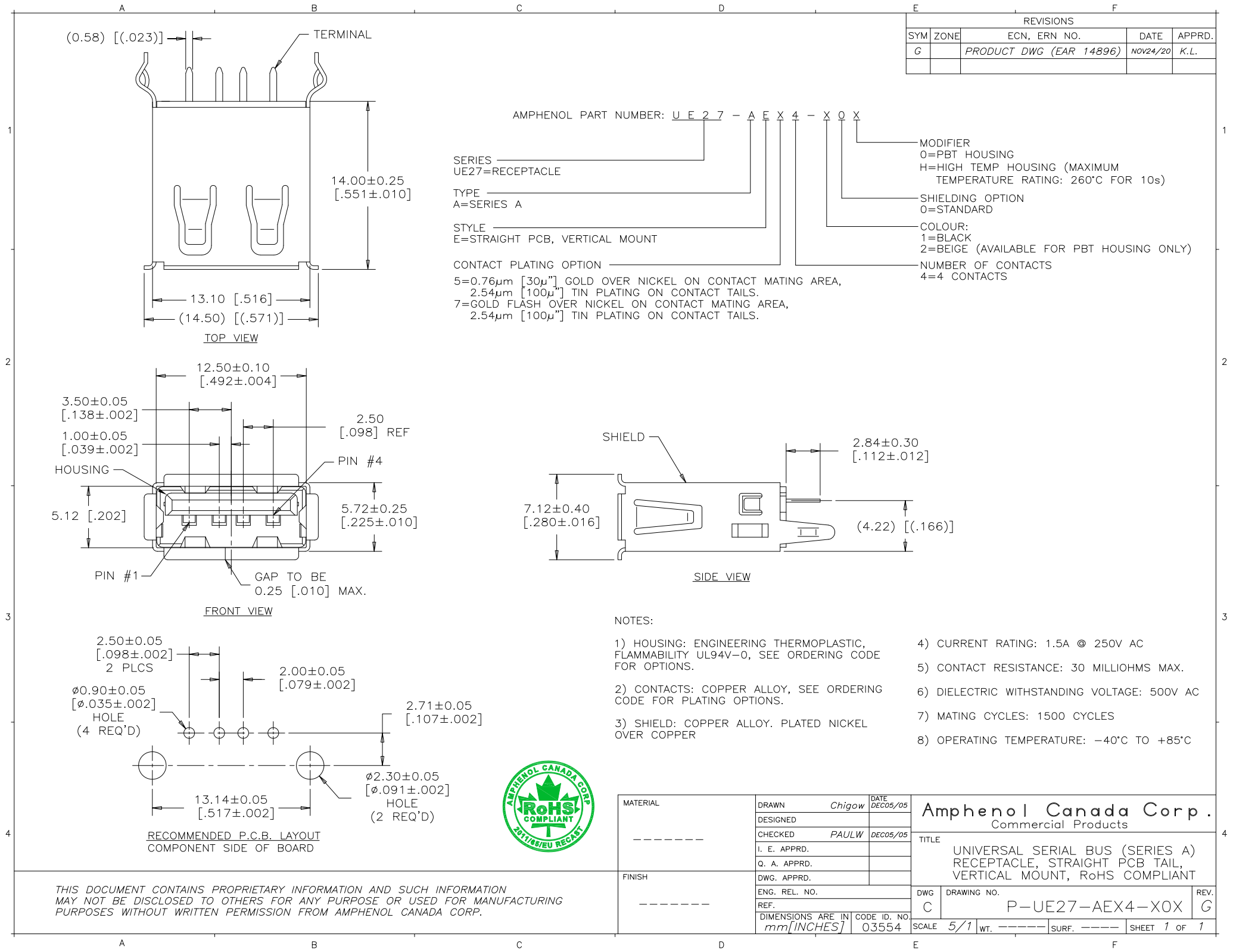
NOTES:

- ALL MATERIALS TO BE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
 • HOUSING:ENGINEERING THERMOPLASTIC,UL FLAMMABILITY RATING 94 V-0.
 • CONTACTS:COPPER ALLOY,CONTACT PLATING:SEE PART NUMBER ORDERING CODE FOR OPTIONS.
 • SHELL:COPPER ALLOY PLATED WITH NICKEL OVER COPPER UNDERPLATE.
- ELECTRICAL CHARACTERISTICS:
 CURRENT RATING: 1.5A@250V AC.
 CONTACT RESISTANCE: 30 MILLIOHMS MAX.
 DIELECTRIC WITHSTANDING VOLTAGE: 500 AC.
 MATING CYCLES: 1500 CYCLES.
 OPERATING TEMPERATURE: -40°C TO +85°C.



UNLESS SPECIFIED OTHERWISE	DRAWN	CHIGOW XU	DEC05/05
PRIMARY UNITS MILLIMETERS	CHECKED	PAUL WANG	DEC05/05
SECONDARY INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	O.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 12884	
2 DECIMAL PLACES ±0.25	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES			

Amphenol Canada Corp.			
UE27 SERIES USB RECEPTACLE, SERIES A,RIGHT ANGLE PCB TAIL, RoHS COMPLIANT			
DWG. NO.	P-UE27-ACX4-X0X		REV G
CODE ID NO. 03554	DWG SIZE: X	SCALE: 5:1	SHEET 1 OF 1



Comparison between new & old USB products

Feb 05, 2021



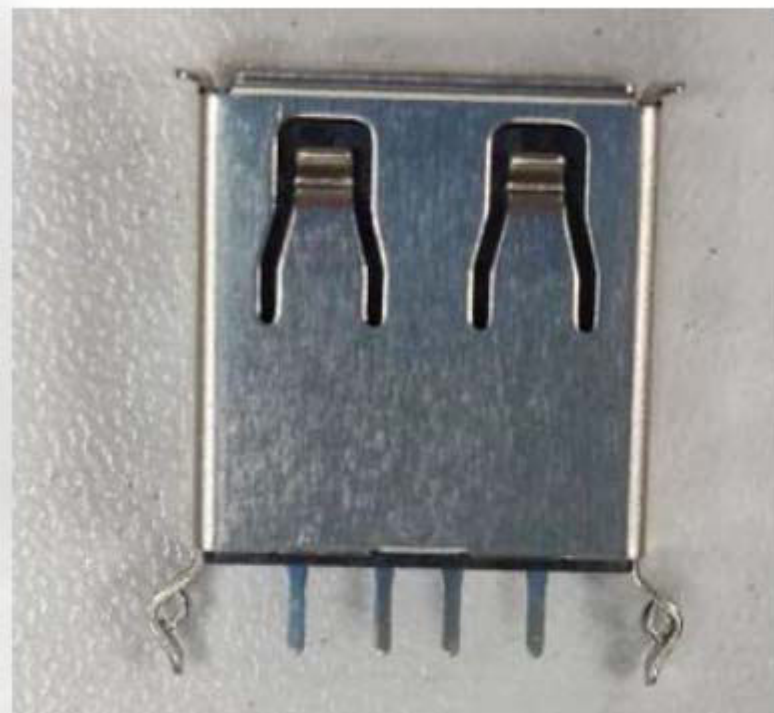
**Commercial
Industrial**

**Amphenol Information Communications
and Commercial Products**

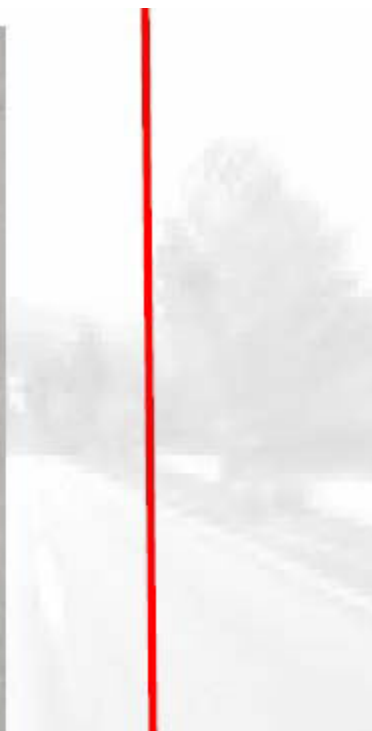
**Industrial IO &
Lighting Solutions**

Amphenol ICC

Comparison between new & old USB products Appearance for UE27-AEX4-X0X



Old Tooling Product



New Tooling Product

Comparison between new & old USB products Appearance for UE27-ACX4-X0X



Old Tooling Product



New Tooling Product

Amphenol ICC

THANK YOU!