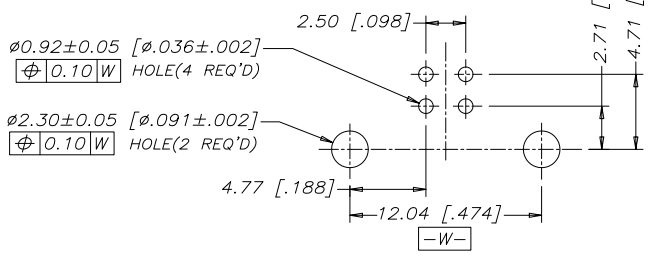
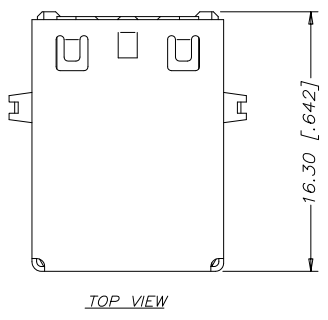
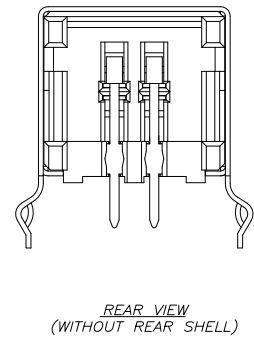
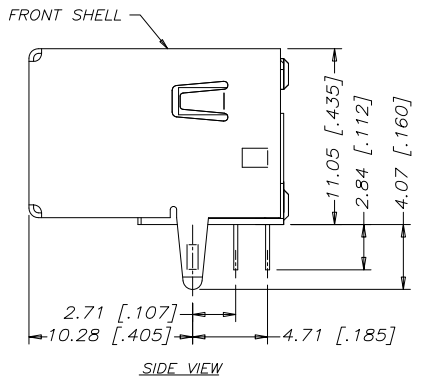
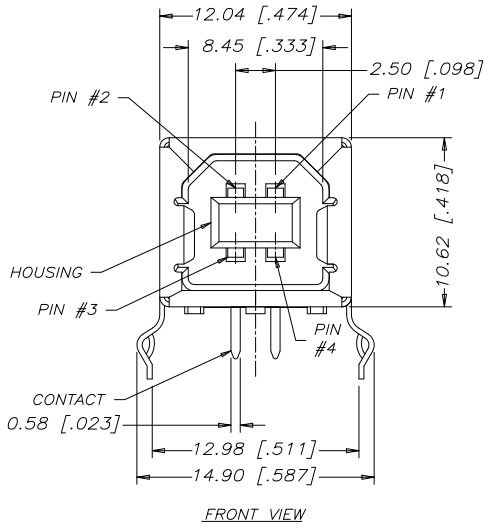


REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
D		PLATING REVISED	Aug4/09	L.C.
E		ADD DIMENSIONS FOR SHIELD BOARD LOCK	JUL25/12	S.MUGAN



RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE OF BOARD)



- NOTES:
- MATERIALS: HOUSING: HIGH TEMPERATURE THERMOPLASTIC OR POLYESTER(SEE AMPHENOL PART NUMBER SYSTEM FOR MATERIAL OPTIONS),FLAMMABILITY UL94V-0. COLOUR: SEE AMPHENOL PART NUMBER SYSTEM FOR COLOUR OPTIONS. CONTACTS: PHOSPHOR BRONZE. FRONT SHELL: COPPER ALLOY. REAR SHELL (WHERE APPLICABLE): STEEL (SPCC).
 CONTACT&SHELL PLATING:
 CONTACT: PLATING SEE AMPHENOL PART NUMBER SYSTEM FOR PLATING OPTIONS.
 FRONT SHELL PLATING: NICKEL OVER COPPER UNDERPLATE.
 REAR SHELL PLATING:NICKEL PLATED.
 - UNLESS STATED OTHERWISE, TOLERANCES ARE ±0.30.
 - THE FINISHED CONNECTOR UE27-BCX4-XXH MUST BE ABLE TO WITHSTAND A 260°C SOLDER REFLOW PROFILE WITHOUT DAMAGE OR DISTORTION. (PEAK TEMPERATURE 260°C FOR 10s)
 - ALL CONNECTOR&SHELL AND PACKING MATERIALS TO BE RoHS COMPLIANT.



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MATERIAL SEE NOTES ON SHEET 1 AND AMPHENOL PART NUMBER SYSTEM ON SHEET 2	DRAWN	MTChen	DATE	JUL31,2008	Amphenol Canada Corp.		
	DESIGNED	MTChen		JUL31,2008			
	CHECKED	L.CHAN		JUL31,2008			
	I. E. APPRD.						
FINISH SEE NOTES ON SHEET 1 AND AMPHENOL PART NUMBER SYSTEM ON SHEET 2	Q. A. APPRD.				TITLE UNIVERSAL SERIAL BUS RECEPTACLE, SERIES B,RIGHT ANGLE PCB TAIL, WITHOUT REAR SHEILD- RoHS COMPLIANT		
	DWG. APPRD.						
	ENG. REL. NO.						
	REF.	EAR E12970					
	DIMENSIONS ARE IN	CODE ID. NO.			DWG. DRAWING NO.	REV.	
	mm[INCHES]	03554			C	P-UE27-BCX4-XXX	E
					SCALE	4/1	WT. ----- SURF. ----- SHEET 1 OF 2

REVISIONS				
SYM	ZONE	ECN, ERN NO.	DATE	APPRD.
D		PLATING REVISED	Aug4/09	L.C.
E		ADD DIMENSIONS FOR SHIELD BOARD LOCK	JUL25/12	S.MUGAN

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

SERIES
UE27=RECEPTACLE

TYPE
B=SERIES B

STYLE
RIGHT ANGLE PCB TAIL

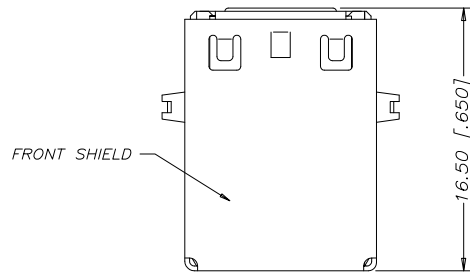
MODIFIER
0= POLYESTER HOUSING (PBT MATERIAL)
H= STANDARD PRODUCT- HIGH TEMP HOUSING (SEE NOTE 3)

SHIELDING OPTION
0=NO REAR SHIELD (SEE SHEET 1 OF 2)
3=WITH REAR SHIELD

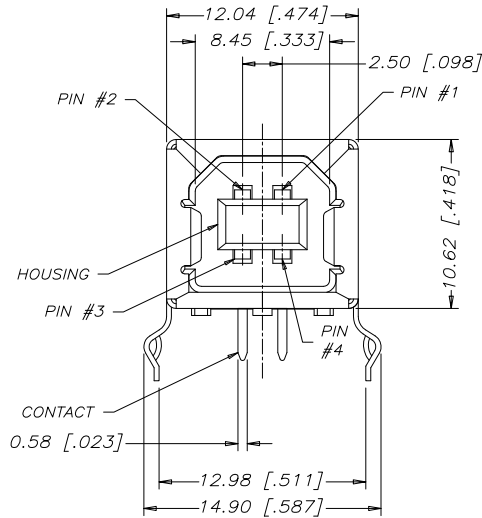
HOUSING COLOUR:
1=BLACK
2=BEIGE(AVAILABLE IN STANDARD TEMP. ONLY)

NUMBER OF CONTACTS
4=4 CONTACTS

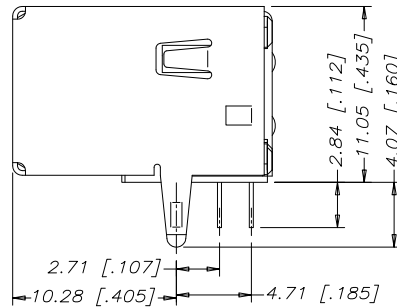
CONTACT PLATING OPTION
5= $30\mu\text{in}$ [0.76 MICRONS] GOLD OVER $40\mu\text{in}$ [1.02 MICRONS] MINIMUM NICKEL ON CONTACT MATING AREA.
100= $100\mu\text{in}$ [2.54 MICRONS] MATTE TIN PLATING ON CONTACT TAILS.
7=GOLD FLASH OVER $40\mu\text{in}$ [1.02 MICRONS] MINIMUM NICKEL ON CONTACT MATING AREA.
100= $100\mu\text{in}$ [2.54 MICRONS] MATTE TIN PLATING ON CONTACT TAILS.



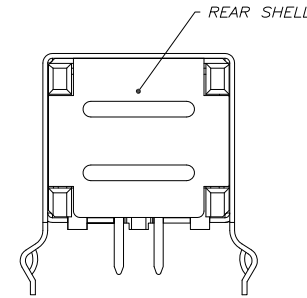
TOP VIEW



FRONT VIEW



SIDE VIEW



REAR VIEW
(WITH REAR SHELL)



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MATERIAL SEE NOTES ON SHEET 1 AND AMPHENOL PART NUMBER SYSTEM ON SHEET 2	DRAWN	MTCHen	DATE	JUL31,2006	Amphenol Canada Corp.						
	DESIGNED	MTCHen	DATE	JUL31,2006							
	CHECKED	L.CHAN	DATE	JUL31,2006							
	I. E. APPRD.										
FINISH SEE NOTES ON SHEET 1 AND AMPHENOL PART NUMBER SYSTEM ON SHEET 2	Q. A. APPRD.				TITLE UNIVERSAL SERIAL BUS RECEPTACLE, SERIES B,RIGHT ANGLE PCB TAIL, WITHOUT REAR SHEILD- RoHS COMPLIANT						
	DWG. APPRD.										
	ENG. REL. NO.										
	REF.	EAR E12970									
	DIMENSIONS ARE IN	CODE ID. NO.			DWG	DRAWING NO.		REV.			
	mm[INCHES]	03554			C	P-UE27-BCX4-XXX	E				
					SCALE	4/1	WT.		SURF.		SHEET 2 OF 2