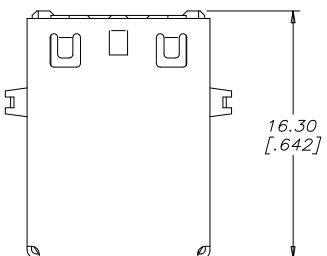
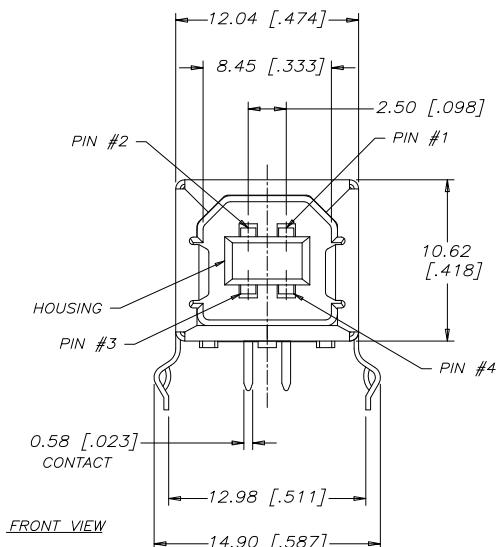


| REVISONS |  | REV | DESCRIPTION, ECN, EAR NO.   | DATE     | APP'D |
|----------|--|-----|-----------------------------|----------|-------|
|          |  | F   | PRODUCT DRAWING (EAR 14402) | NOV18/15 | K.L.  |



TOP VIEW



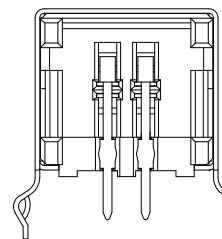
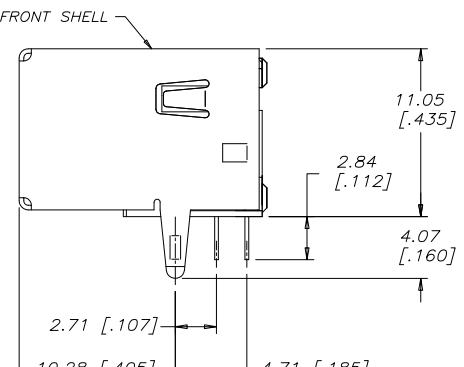
AMPHENOL PART NUMBER: U E 2 7 - B C X 4 - X X X  
 SERIES UE27=RECEPTACLE  
 TYPE B=SERIES B  
 STYLE RIGHT ANGLE PCB TAIL  
 CONTACT PLATING OPTION  
 5=30μ" [0.76μm] GOLD OVER 40μ" [1.02μm] MIN.  
 NICKEL ON CONTACT MATING AREA.  
 100μ" [2.54μm] MATTE TIN PLATING ON CONTACT  
 TAILS.  
 7=GOLD FLASH OVER 40μ" [1.02μm] MIN. NICKEL  
 ON CONTACT MATING AREA.  
 100μ" [2.54μm] MATTE TIN PLATING ON CONTACT  
 TAILS.

MODIFIER  
 0=PBT POLYESTER HOUSING MATERIAL  
 H= STANDARD PRODUCT- HIGH TEMP HOUSING (SEE NOTE 2)

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

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

NUMBER OF CONTACTS  
 4=4 CONTACTS



REAR VIEW  
(WITHOUT REAR SHELL)

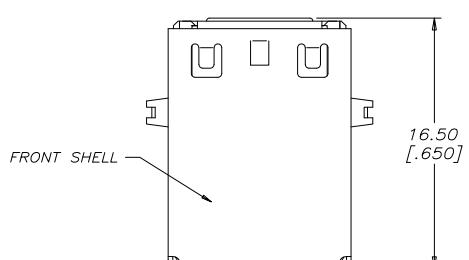
NOTES:

- MATERIALS: RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.  
 HOUSING: HIGH TEMPERATURE RESISTANT THERMOPLASTIC OR POLYESTER (SEE AMPHENOL PART NUMBER SYSTEM FOR MATERIAL AND COLOUR OPTIONS), FLAMMABILITY UL94V-0.  
 CONTACTS: PHOSPHOR BRONZE.  
 FRONT SHELL: COPPER ALLOY.  
 REAR SHELL (WHEN APPLICABLE): STEEL  
 CONTACT PLATING: SEE AMPHENOL PART NUMBER SYSTEM FOR PLATING OPTIONS.  
 SHELL PLATING: NICKEL OVER COPPER UNDERPLATE.
- THE FINISHED CONNECTOR UE27-BCX4-XXH SHALL WITHSTAND A 260°C SOLDER REFLOW PROFILE WITHOUT DAMAGE OR DISTORTION (PEAK TEMPERATURE 260°C FOR 10s).
- OPERATING TEMPERATURE: -40°C TO +85°C
- CURRENT & VOLTAGE RATING: 1.5A, 30 VAC (rms) MAXIMUM
- CONTACT RESISTANCE (LLCR): 30 MILLIOHMS MAXIMUM
- INSULATION RESISTANCE: 1000 MOEGOHMS MINIMUM
- DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC
- DURABILITY: 1500 MATING CYCLES

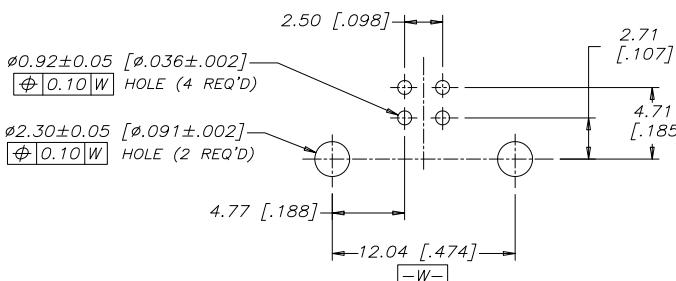


|                            |                        |                      |          |   |
|----------------------------|------------------------|----------------------|----------|---|
| UNLESS SPECIFIED OTHERWISE | DRAWN                  | MT CHEN              | JUL31/06 | Amphenol Canada Corp.<br><a href="http://www.amphenolcanada.com">www.amphenolcanada.com</a> |
| PRIMARY UNITS MILLIMETERS  | CHECKED                | L. CHAN              | JUL31/06 |   |
| SECONDARY INCHES           | M.E. APP'D             |                      |          |   |
| REFERENCE IN PARENTHESES   | Q.A. APP'D             |                      |          |   |
| GENERAL TOLERANCES         | DWG APP'D              |                      |          |   |
| 1 DECIMAL PLACE            | ENG. REL. NO.          |                      |          |   |
| 2 DECIMAL PLACES ±0.30     | REF. EAR 12970         |                      |          |   |
| 3 DECIMAL PLACES           | THIRD ANGLE PROJECTION | DO NOT SCALE DRAWING |          |   |
| ANGULAR DEGREES            |                        |                      |          |   |
|                            |                        |                      |          | DWG NO. P-UE27-BCX4-XXX REV F   |
|                            |                        |                      |          | CODE ID NO. 03554 DWG SIZE SCALE 4:1 SHEET 1 OF 2   |

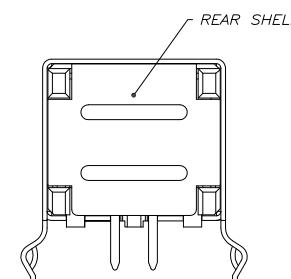
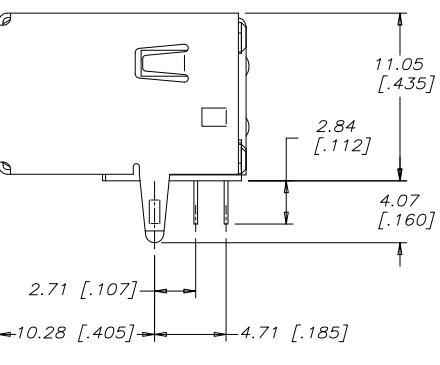
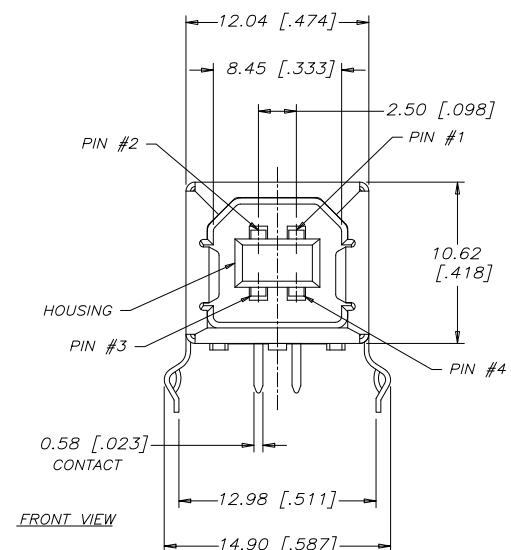
| REVISONS |                             |          |       |
|----------|-----------------------------|----------|-------|
| REV      | DESCRIPTION, ECN, EAR NO.   | DATE     | APP'D |
| F        | PRODUCT DRAWING (EAR 14402) | NOV18/15 | K.L.  |



TOP VIEW



RECOMMENDED PC BOARD LAYOUT  
(COMPONENT SIDE OF BOARD)  
APPLIES WITH OR WITHOUT REAR SHELL



### CONNECTOR VIEWS FOR UE27-BCX4-X3X - WITH REAR SHELL



|  |  |  |                         |   |
|--|--|--|-------------------------|---|
| UNLESS SPECIFIED OTHERWISE<br>PRIMARY UNITS MILLIMETERS<br>SECONDARY INCHES<br>REFERENCE IN PARENTHESES  | DRAWN<br>CHECKED<br>M.E. APP'D<br>Q.A. APP'D | MT CHEN<br>L. CHAN<br>JUL31/06<br>JUL31/06 | JUL31/06                | Amphenol Canada Corp.<br><a href="http://www.amphenolcanada.com">www.amphenolcanada.com</a>                                     |
| GENERAL TOLERANCES<br>1 DECIMAL PLACE<br>2 DECIMAL PLACES $\pm 0.30$<br>3 DECIMAL PLACES   | DWG APP'D<br>ENG. REL. NO.<br>REF. EAR 12970 |  | DO NOT SCALE<br>DRAWING | UNIVERSAL SERIAL BUS RECEPTACLE,<br>SERIES B, RIGHT ANGLE PCB TAIL,<br>HOUSING, PLATING & REAR SHELL<br>OPTIONS, RoHS COMPLIANT |
| ANGULAR DEGREES  | THIRD ANGLE<br>PROJECTION                    |  |                         | DWG NO.<br>P-UE27-BCX4-XXX  |
|  |  |  |                         | REV<br>F  |
| THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR<br>ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP. | CODE ID NO. 03554                            | DWG SIZE                                   | SCALE 4:1               | SHEET 2 OF 2  |