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APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	2/21/14	
A		ADDED PIN ARRANGEMENT	5/26/15	HR/RT
B		ADDED SPEC.	5/27/15	AY/RT
C		ADDED DIM.	7/22/15	AY/RT
D		UPDATE DRAWING	8/6/18	AY/KC

RECOMMENDED PCB LAYOUT

Top View Dimensions: .333 [8.45], .425 [10.80], .306 [7.78], .417 [10.60], .098 [2.50], .480 [12.20], .575 [14.60], .098 [2.50]

Side View Dimensions: .138 [3.50] REF, .122 [3.10], .107 [2.71], .079 [2.00], .406 [10.30] REF, .185 [4.71]

Bottom View Dimensions: .642 [16.30], .650 [16.50], .472 [12.00]

PCB Layout Dimensions: .188 [4.77], .098 [2.50],  $\phi$ .036 [0.92], .079 [2.00],  $\phi$ .091 [2.30], .474 [12.04], .107 [2.71]

SPECIFICATIONS:

Material:  
 Insulator: PBT, Glass fibre reinforced, rated UL 94V-0  
 Insulator color: White  
 Contacts: Brass  
 Shell: SPCC, Nickel plated  
 Plating:  
 Gold flash over Nickel underplate on contact area,  
 Tin over Copper underplate on PCB tails  
 Electrical:  
 Current rating: 5 Amp.  
 Contact resistance: 25 Milliohms Max.  
 Insulation resistance: 500 Megohms Min @ 500 VDC.  
 Dielectric withstanding voltage: 500 VAC for 1 minute  
 Temperature Rating:  
 Operating temperature: -50°C to +105°C  
 Environmental:  
 Lead free, RoHS compliant.

UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE MM [INCHES]  
 TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	± .10	Ø.X	± .10
.XX	± .020	Ø.XX	± .015
.XXX	± .015	Ø.XXX	± .010

APPROVALS		DATE
DRAWN	AY	2/21/14
CHECKED	GC	2/21/14
APPROVED		

TITLE: USB, TYPE B, SINGLE PORT, RIGHT ANGLE, THRU-HOLE, WHITE INSULATOR

SIZE	PART NO.	REV.
X	USB-B-S-RA-CS1-SPCC-WT	D

REF: S00097C SCALE: NTS SHEET 1 OF 1

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