

14 August 2012

Dear Customer

We have been advised by the manufacturer of the below part numbers that the mold tools for these devices have reached the end of their useful life; the factory has invested in new tooling and as a result of this the parts now have some minor dimensional changes which are documented on the drawings below in more detail.

Part numbers affected:
621021, 621023, 621028, 621029, 621035, A15M300

These changes are dimensional only and do not affect the electrical function of the parts.

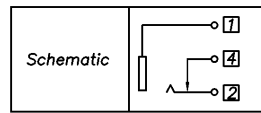
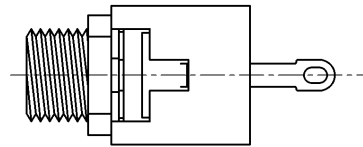
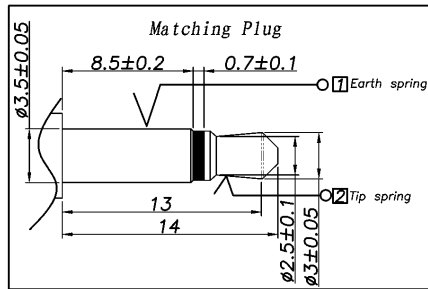
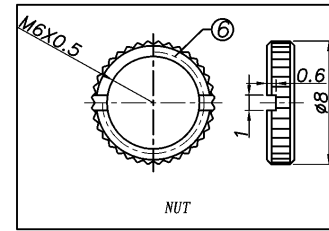
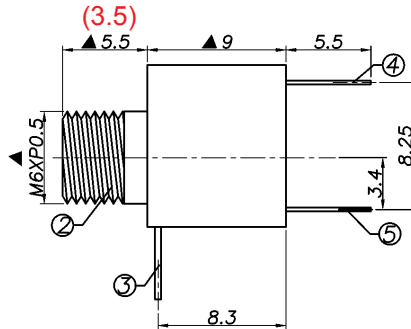
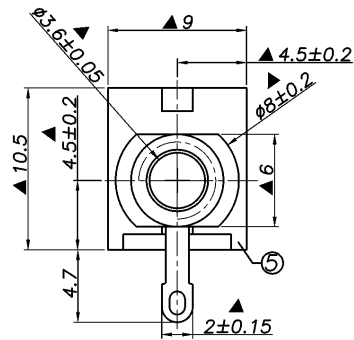
These changes apply to shipments from the Manufacturer to Anglia with immediate effect. Anglia operates a strict FIFO system in our warehouse facility therefore it may take some time for this change to filter through to customer deliveries of the above part numbers.

Please make the relevant person(s) in your organisation aware of this change.

Yours Sincerely

Anglia

THREAD LENGTH INCREASED FROM 3.5mm TO 5.5mm



□: TERMINAL NO.

Specification:

1. Rating : DC 30V 0.5A;
2. Contact resistance: $\leq 30m\Omega$;
After test: $\leq 50m\Omega$
3. Insulation resistance: $\geq 100M\Omega$ (500VDC);
After test: $\geq 50M\Omega$
4. Withstand voltage: 500VAC ;
5. Insertion and extraction force: 3N~30N;
6. life test: 5000cycles min;
7. Operation temperature range: $-20^{\circ}C \sim 70^{\circ}C$
8. Preservative temperature range: $-40^{\circ}C \sim 85^{\circ}C$
9. Sign "▲" is importance dimension

Technical requirement :

1. This product should meet EU RoHS related requirement.
2. The surface of plastic part should be without any crackle such as burr,lack,and so on phenomenon.
3. The surface of metal part should be without any defect such as scour,nick,oxidation and plating problem.
4. The electronic performance should be the same as spec.
5. The un-specified tolerance is : $<6\pm 0.1$
 $6\sim 20\pm 0.2$
 $>20\pm 0.3$

⑥	NUT	1	Brass	Ni-Plating
⑤	Shunt Terminal	4	Brass	Sn-Plating
④	Tip spring	2	Phosphor bronze	Sn-Plating
③	Earth spring	1	Brass	Sn-Plating
②	Bushing	1	Brass	Ni/Au/Cu-Sn-Plating
①	Housing	1	ABS/PBT	
NO.	DESCRIPTION	QTY	MATERIAL	PLATING

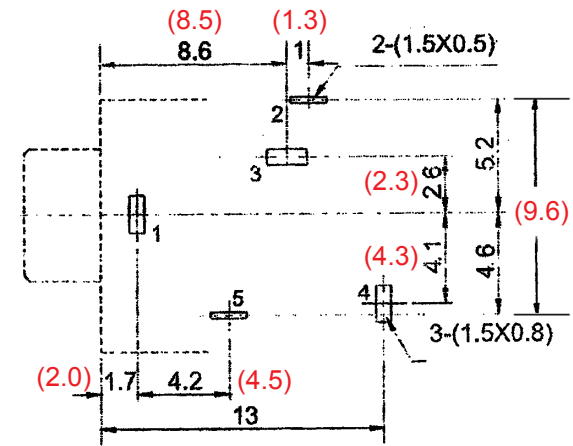
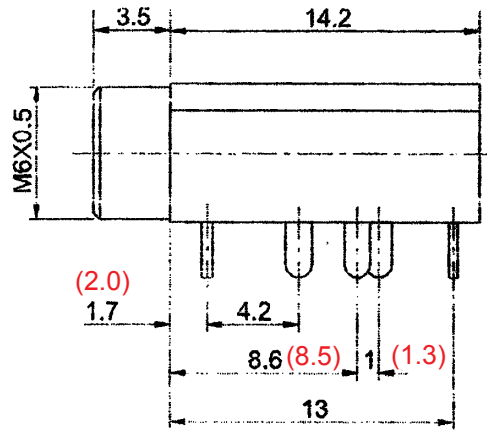
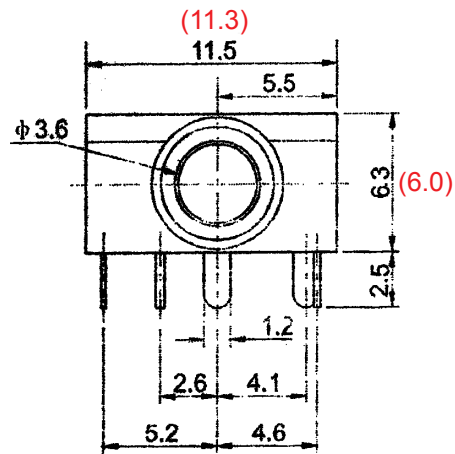
Issue	Revision Details

Product(s) MUST comply with the requirements of the RoHS Directive 2002/95/EC.

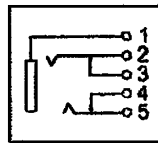
all dimensions in mm

 Sandall Road, Wisbech PE13 2PS, U.K. www.anglia.com info@anglia.com	Title: 3.5MM PHONE JACK WITH NUT	Issue: 1	Issue Date: 8/8/12	Prev Issue:
	Part No. : 621021	Scale: NTS		Angle:
	Manufacturer:			Page: 1 of 1

MINOR DIMENSIONAL CHANGES



PCB LAYOUT



Technical requirement :

1. This product should meet EU RoHS related requirement.
2. The surface of plastic part should be without any crackle such as burr,lack,and so on phenomenon.
3. The surface of metal part should be without any defect such as scour,nick,oxidation and plating problem.
4. The electronic performance should be the same as spec.
5. The un-specified tolerance is : <math>< 6 \pm 0.1</math>
 $6 \sim 20 \pm 0.2$
 $> 20 \pm 0.3$

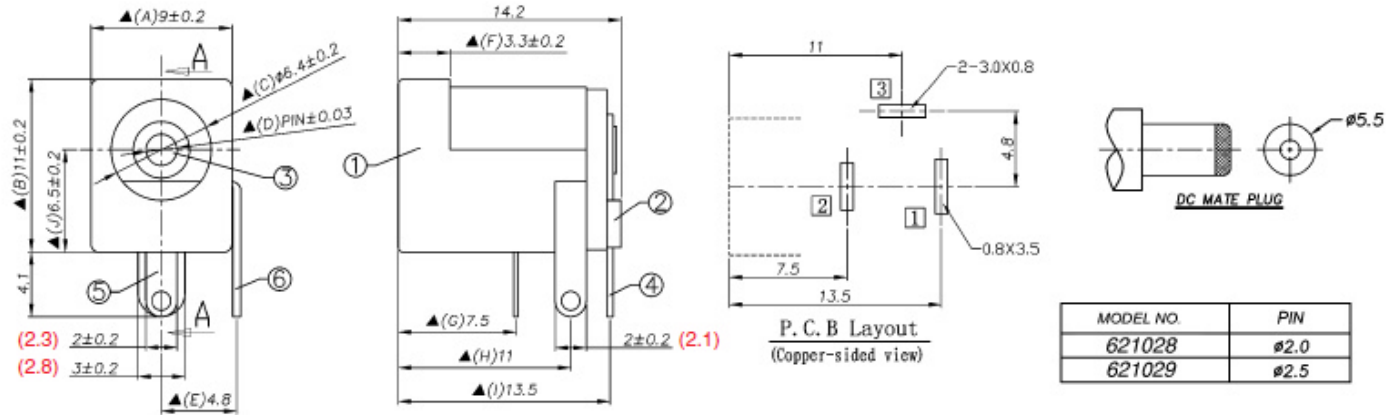
Issue	Revision Details

Product(s) MUST comply with the requirements of the RoHS Directive 2002/95/EC.

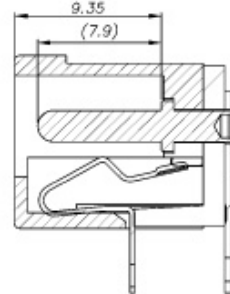
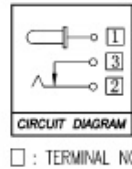
all dimensions in mm

 Sandall Road, Wisbech PE13 2PS, U.K. www.anglia.com info@anglia.com	Title: 3.5MM PHONE JACK	Issue: 1	Issue Date: 8/8/12	Prev Issue:
	Part No. : 621023	Scale: NTS		Angle:
	Manufacturer:			Page: 1 of 1

PCB PIN SIZE REDUCED



MODEL NO.	PIN
621028	$\phi 2.0$
621029	$\phi 2.5$



- SPECIFICATION**
- Rating : DC 20V 4A;
 - Contact resistance: $\leq 30m\Omega$;
 - Insulation resistance: $\geq 100M\Omega$ (DC500V);
 - Withstand voltage: 500VAC ;
 - Insertion and extraction force: 3-30N;
 - life test: 5,000 cycles;
 - Operation temperature range: $-20^{\circ}C \sim 70^{\circ}C$;
 - Preservative temperature range: $-40^{\circ}C \sim 85^{\circ}C$;
 - Sign"▲ "is importance dimension.

⑥	Shunt terminal	③	1	Brass t=0.5	Tin plating
⑤	Tip spring	②	1	Phosphor bronze t=0.30	Tin plating
④	Center pin terminal	①	1	Brass t=0.40	Tin plating
③	Center pin	①	1	Brass	CuSn/Nickel plating
②	Cover		1	PBT	
①	Housing		1	PBT	
NO.	DESCRIPTION	QTY	MATERIAL	REMARK	

- Technical requirement :**
- This product should meet EU RoHS related requirement.
 - The surface of plastic part should be without any crackle such as burr,lack,and so on phenomenon.
 - The surface of metal part should be without any defect such as scour,nick,oxidation and plating problem.
 - The electronic performance should be the same as spec.
 - The un-specified tolerance is : $< \pm 0.1$
6-20 ± 0.2
>20 ± 0.3

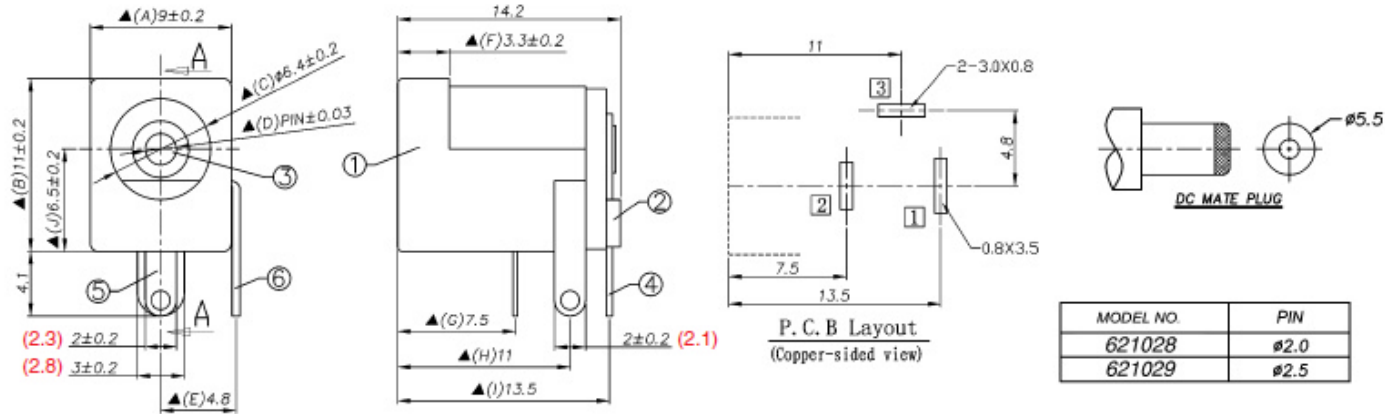
Issue	Revision Details

Product(s) MUST comply with the requirements of the RoHS Directive 2002/95/EC.

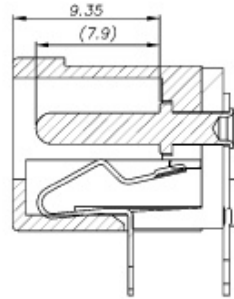
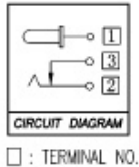
all dimensions in mm

<p>anglia</p> <p>Sandall Road, Wisbech PE13 2PS, U.K. www.anglia.com info@anglia.com</p>	Title: DC POWER JACK	Issue: 1	Issue Date: 8/8/12	Prev Issue:
	Part No. : 621028	Scale: NTS		Angle:
	Manufacturer:	Page: 1 of 1		

PCB PIN SIZE REDUCED



MODEL NO.	PIN
621028	$\phi 2.0$
621029	$\phi 2.5$



SEC:A-A

Technical requirement :

- This product should meet EU RoHS related requirement.
- The surface of plastic part should be without any crackle such as burr, jack, and so on phenomenon.
- The surface of metal part should be without any defect such as scour, nick, oxidation and plating problem.
- The electronic performance should be the same as spec.
- The un-specified tolerance is : $< 6 \pm 0.1$
 $6 \sim 20 \pm 0.2$
 $> 20 \pm 0.3$

SPECIFICATION

- Rating : DC 20V 4A;
- Contact resistance: $\leq 30m\Omega$;
- Insulation resistance: $\geq 100M\Omega$ (DC500V);
- Withstand voltage: 500VAC ;
- Insertion and extraction force: 3-30N;
- life test: 5,000 cycles;
- Operation temperature range: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$;
- Preservative temperature range: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$;
- Sign"▲ "is importance dimension.

⑥	Shunt terminal	③	1	Brass t=0.5	Tin plating
⑤	Tip spring	②	1	Phosphor bronze t=0.30	Tin plating
④	Center pin terminal	①	1	Brass t=0.40	Tin plating
③	Center pin	①	1	Brass	CuSn/Nickel plating
②	Cover		1	PBT	
①	Housing		1	PBT	
NO.	DESCRIPTION	QTY	MATERIAL	REMARK	

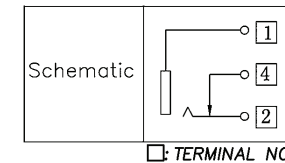
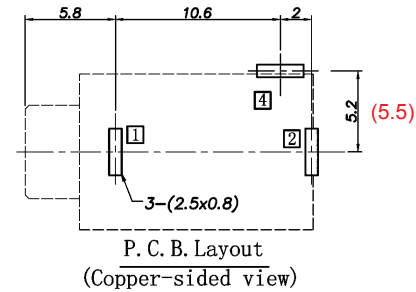
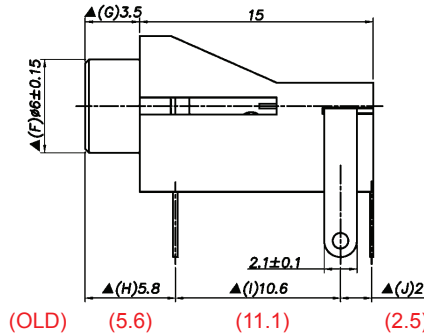
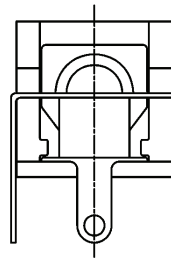
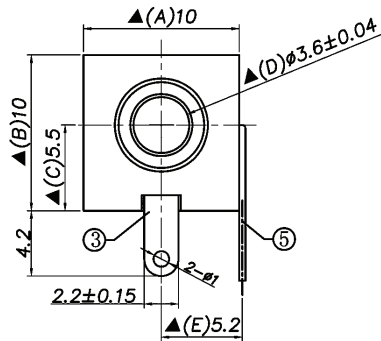
Issue	Revision Details

Product(s) MUST comply with the requirements of the RoHS Directive 2002/95/EC.

all dimensions in mm

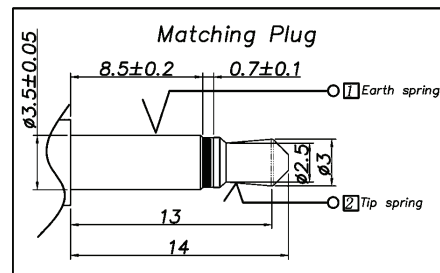
 Sandall Road, Wisbech PE13 2PS, U.K. www.anglia.com info@anglia.com	Title: DC POWER JACK	Issue: 1	Issue Date: 8/8/12	Prev Issue:
	Part No. : 621029	Scale: NTS		Angle:
	Manufacturer:	Page: 1 of 1		

MINOR PIN OUT SPACING CHANGES



SPECIFICATION

1. Rating : DC 30V 0.5A;
2. Contact resistance: $\leq 50m\Omega$;
3. Insulation resistance: $\geq 100M\Omega$ (DC250V);
4. Withstand voltage: 500VAC ;
5. Insertion and extraction force: 3-30N;
6. life test: 5,000 cycles.
7. Sign "▲" is importance dimension



Technical requirement :

1. This product should meet EU RoHS related requirement.
2. The surface of plastic part should be without any crackle such as burr,lack,and so on phenomenon.
3. The surface of metal part should be without any defect such as scaur,nick,oxidation and plating problem.
4. The electronic performance should be the same as spec.
5. The un-specified tolerance is : $< 6 \pm 0.1$
 $6 \sim 20 \pm 0.2$
 $> 20 \pm 0.3$

⑤	Shunt terminal	4	1	Brass	Sn-Plating
④	Tip spring	2	1	Manganese steel (65Mn)	Sn-Plating
③	Earth spring	1	1	Brass	Sn-Plating
②	Bushing		1	Brass	Ni/Au/Cu-Sn-Plating
①	Housing		1	PA66+13%GF	Black
NO.	DESCRIPTION	QTY		MATERIAL	PLATING

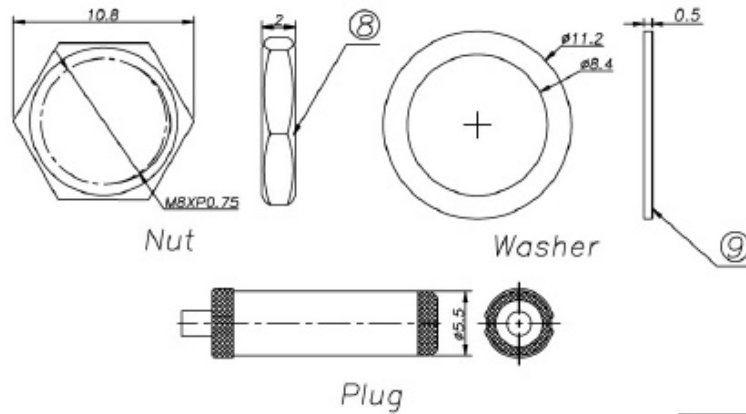
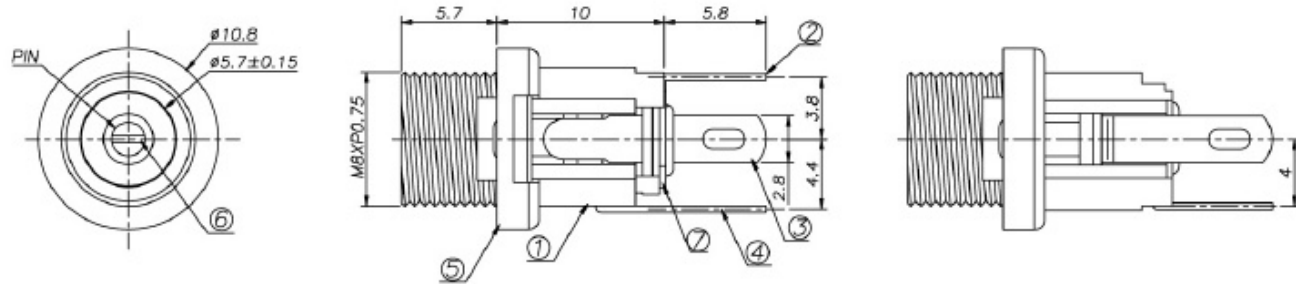
Issue	Revision Details

Product(s) MUST comply with the requirements of the RoHS Directive 2002/95/EC.

all dimensions in mm

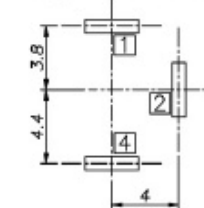
 Sandall Road, Wisbech PE13 2PS, U.K. www.anglia.com info@anglia.com	Title: 3.5MM PHONE JACK	Issue: 1	Issue Date: 8/8/12	Prev Issue:
	Part No. : 621035	Scale: NTS		Angle:
	Manufacturer:			Page: 1 of 1

PIN OUT CHANGE PIN 4 NOW STRAIGHT RATHER THAN ON 10° ANGLE



Model No.	DS-026A(NB)	DS-026B(NB)	DS-026C(NB)
Pin	ø2.5	ø2.0	ø2.35

P.C.B Layout
(Copper-sided view)



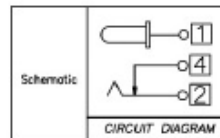
Specification

1. Rating : 30V 3.0A
2. Contact Resistance : ≤30mΩ
3. Insulation Resistance : ≥100MΩ (DC250V)
4. Withstand Voltage : 500VAC
5. Insertion and Extraction force : 3-30N
6. Life Test : 5,000 Cycles

9	Washer-2	1	Brass	NI
8	Nut	1	Brass	NI
7	Washer-1	2	Bakelite	—
6	Pin	1	Bronze	NI
5	Bushing	1	Brass	NI
4	Shunt Terminal 4	1	Brass	CuSn
3	Tip Spring 2	1	Phosphor Bronze	CuSn
2	Center Pin Terminal 1	1	Brass	CuSn
1	Housing	1	PBT	Black
No.	Description	QTY	Material	Plating

Technical requirement :

1. This product should meet EU RoHS related requirement.
2. The surface of plastic part should be without any crackle such as burr,lack,and so on phenomenon.
3. The surface of metal part should be without any defect such as scaur,nick,oxidation and plating problem.
4. The electronic performance should be the same as spec.
5. The un-specified tolerance is : -6 ± 0.2
$6-20\pm 0.3$
>20±0.4



Issue	Revision Details

Product(s) MUST comply with the requirements of the RoHS Directive 2002/95/EC.

all dimensions in mm

<p>Sandall Road, Wisbech PE13 2PS, U.K. www.anglia.com info@anglia.com</p>	Title: DC POWER JACK BOARD	Issue: 1	Issue Date: 27/6/12	Prev Issue:
	Part No. : A15M300	Scale: NTS		Angle:
	Manufacturer: STUDIOMATE	Page: 1 of 1		