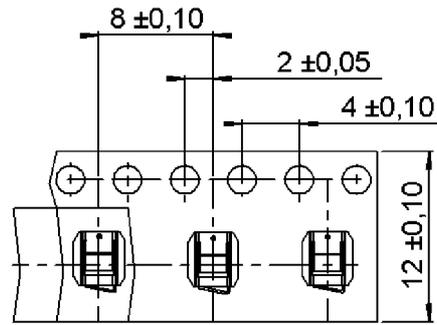
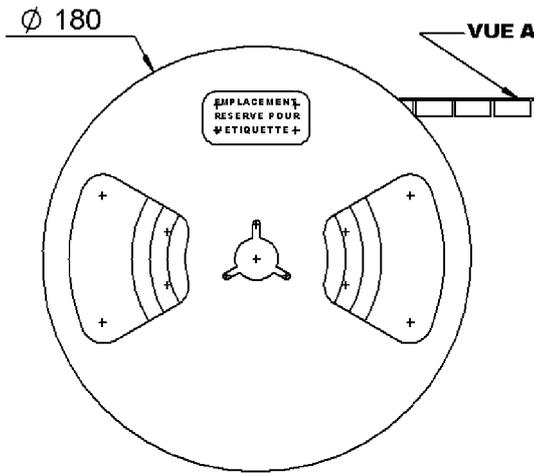


**RIGHT ANGLE H2 RECEPTACLE SMT TYPE**

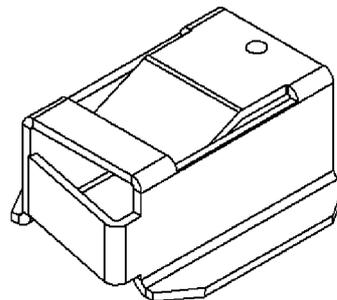
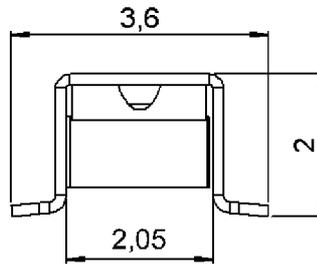
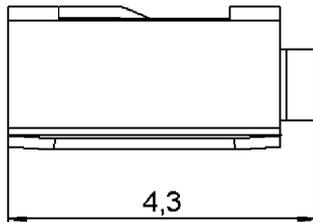
**R107.003.010**

**REEL 100**

Series : UMP



VUE A / VIEW A



SCALE: 1/1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
<b>BODY</b>	<b>BERYLLIUM COPPER</b>	<b>GOLD 0.2 OVER NICKEL 2</b>
<b>CENTER CONTACT</b>	-	-
<b>OUTER CONTACT</b>	-	-
<b>INSULATOR</b>	-	-
<b>GASKET</b>	-	-
<b>OTHERS PARTS</b>	-	-
-	-	-
-	-	-

Issue : 0415 A

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



**RIGHT ANGLE H2 RECEPTACLE SMT TYPE**

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**PACKAGING**

**SPECIFICATION**

Standard	Unit	Other
100	'W' option	Contact us

**ELECTRICAL CHARACTERISTICS**

**ENVIRONMENTAL**

Impedance		50 Ω
Frequency		0-6 GHz
VSWR	1.05 +	0.030 x F(GHz) Maxi
Insertion loss		NA √F(GHz) dB Maxi
RF leakage	- (	NA - F(GHz)) dB Maxi
Voltage rating		100 Veff Maxi
Dielectric withstanding voltage		350 Veff mini
Insulation resistance		1000 MΩ mini

Operating temperature	-40/+125 ° C
Hermetic seal	NA Atm.cm3/s
Panel leakage	NA

**OTHERS CHARACTERISTICS**

Assembly instruction

Others :

-

**MECHANICAL CHARACTERISTICS**

<b>Center contact retention</b>		
Axial force – Mating end		NA N mini
Axial force – Opposite end		NA N mini
Torque		NA N.cm mini
<b>Recommended torque</b>		
Mating		NA N.cm
Panel nut		NA N.cm
Mating life		100 Cycles mini
Weight		0.035 g

Issue : 0415 A

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**RIGHT ANGLE H2 RECEPTACLE SMT TYPE**

**R107.003.010**

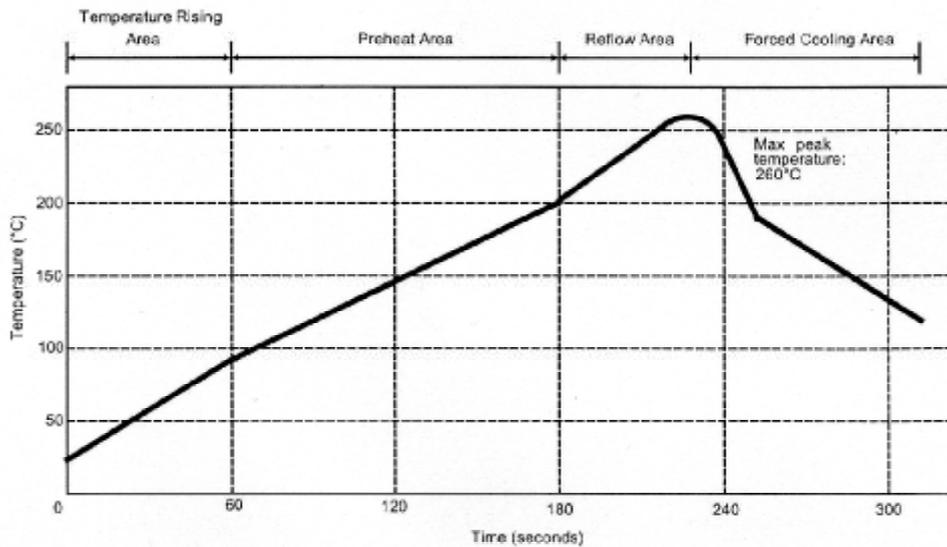
**REEL 100**

Series : UMP

## SOLDER PROCEDURE OF UMP RECEPTACLE IN INDUSTRIAL ENVIRONMENT

1. Deposit solder paste 'Sn Ag4 Cu0.5' on mounting zone by screen printing application. We recommend a low residue flux.  
We advise a thickness of 150 micromm ( 5.850 microinch ). Verify that the edges of the zone are clean.
2. Placement of the receptacle on the mounting zone with an automatic machine of 'pick and place' type.  
A video camera is recommended for positioning of the component.  
Adhesive agents must not be used on the receptacle.
3. This process of soldering has been tested with convection oven.  
Below please find, the typical profile to use.
4. The cleaning of printed circuit boards is not obliged.
5. Verification of solder joints and position of the component by visual inspection.

**NOTE : THE UMP RECEPTACLE AND THE UMP PLUG MUST NOT BE MATED BEFORE COMPLETION OF THIS PROCEDURE.**



Parmeter	Value	Unit
Temperature rising Area	1 - 4	°C/sec
Max Peak Temperature	260	°C
Max dwell time @260°C	10	sec
Min dwell time @235°C	20	sec
Max dwell time @235°C	60	sec
Temperature drop in cooling Area	-1 to - 4	°C/sec
Max dwell time above 100°C	420	sec

Issue : 0415 A

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**RIGHT ANGLE H2 RECEPTACLE SMT TYPE**

**R107.003.010**

**REEL 100**

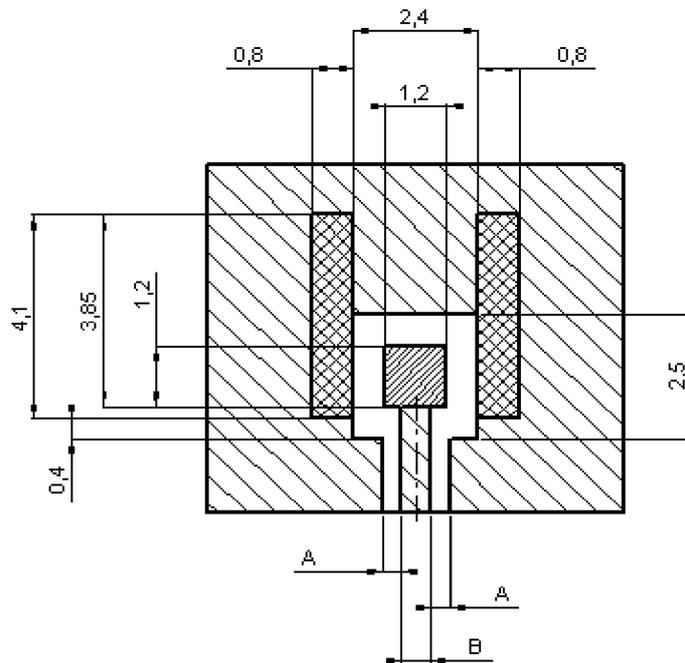
Series : UMP

# UMP SERIES INFORMATION

## PCB

### COPLANAR LINE

Ground and signal are on the same side  
The material of PCB is glass is glass-epoxy Composite.



-  Gold over nickel for solder paste
-  Gold over nickel contact area free of any surface contaminant
-  Ground + varnish

**APPLICATION 75Ω**  
**WITH B = 0,55mm**

PCB thickness (mm)	Coplanar ligne A (mm)
0,8	0,57
1,0	0,45
1,2	0,41
1,6	0,37

**APPLICATION 50Ω**  
**WITH B = 1,2mm**

PCB thickness (mm)	Coplanar ligne A (mm)
0,8	0,183
1,0	0,190
1,2	0,195
1,6	0,20

Issue : 0415 A

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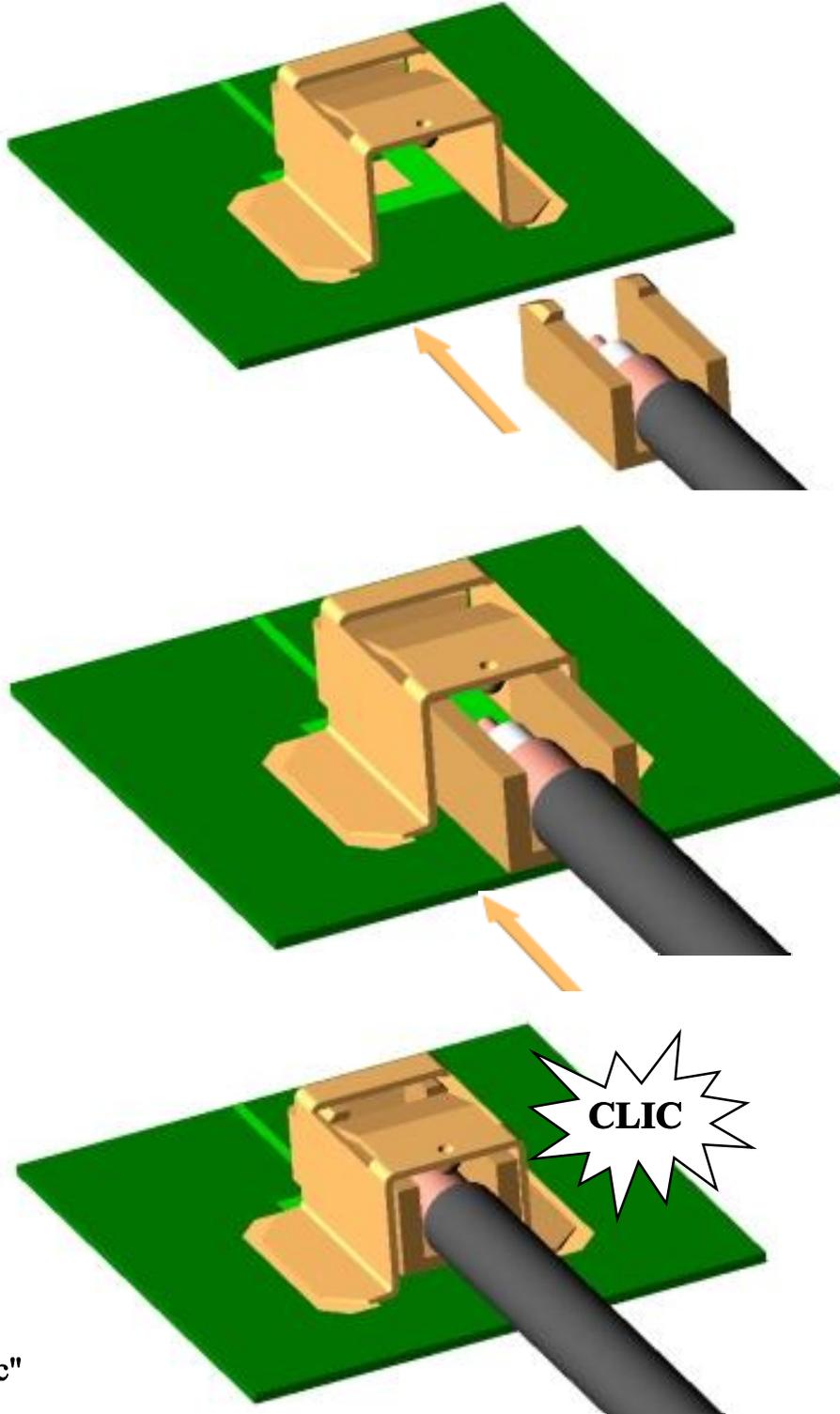
RIGHT ANGLE H2 RECEPTACLE SMT TYPE

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REEL 100

Series : UMP

# UMP CONNECTING NOTE



Do not push over the "clik"

Issue : 0415 A

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**RADIALL**®

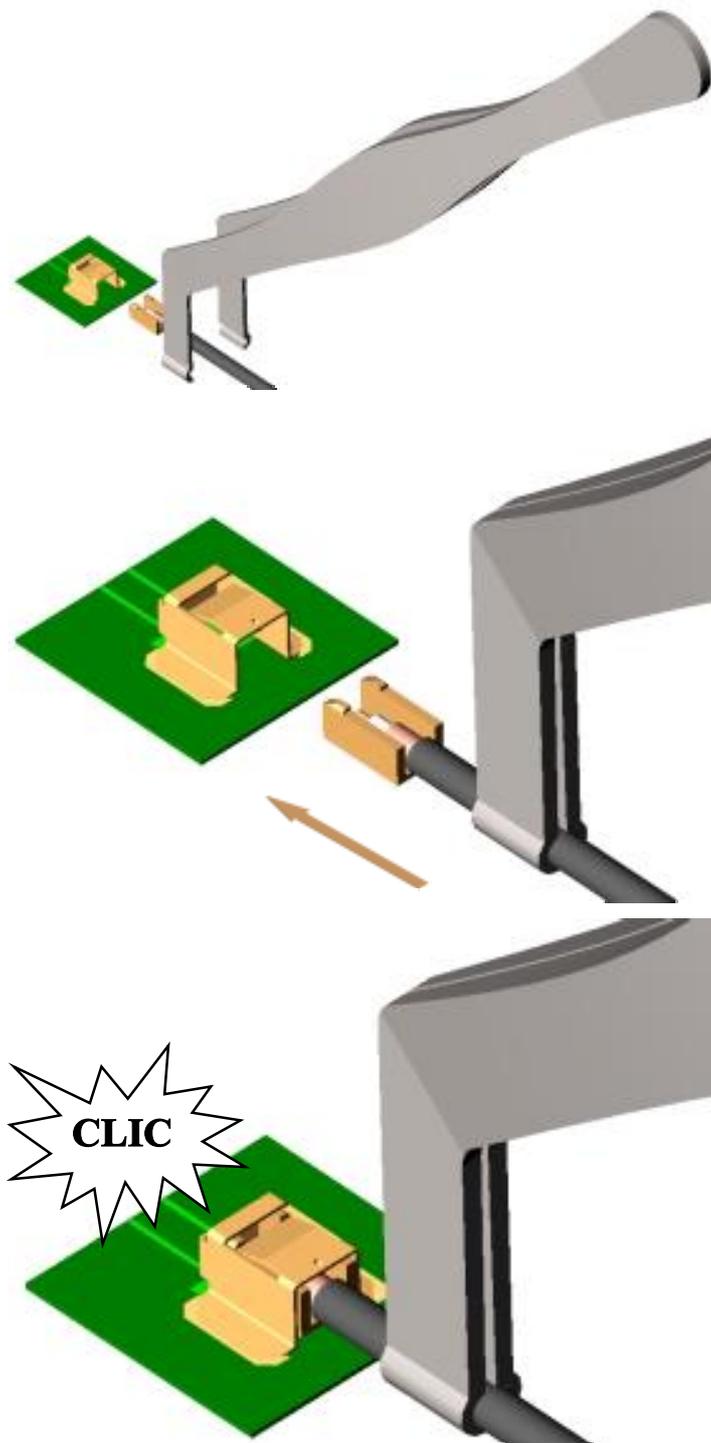
**RIGHT ANGLE H2 RECEPTACLE SMT TYPE**

**R107.003.010**

**REEL 100**

Series : UMP

# UMP NOTE CONNECTING



Do not push  
over the «clik »

Issue : 0415 A

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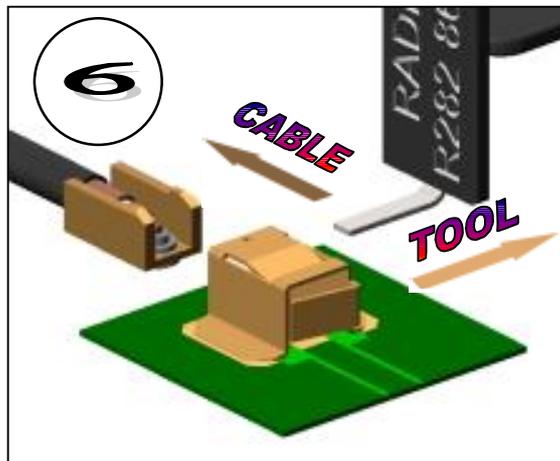
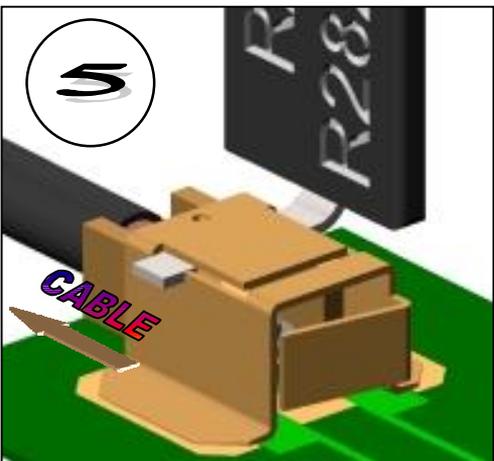
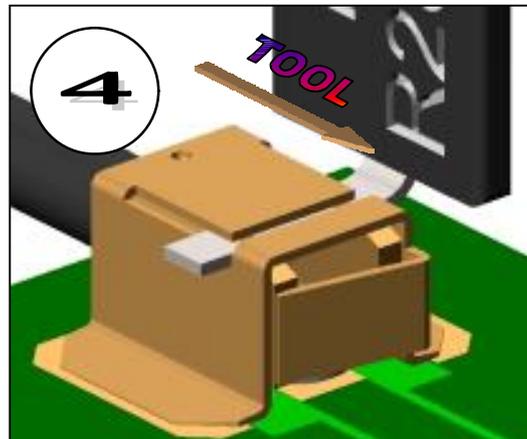
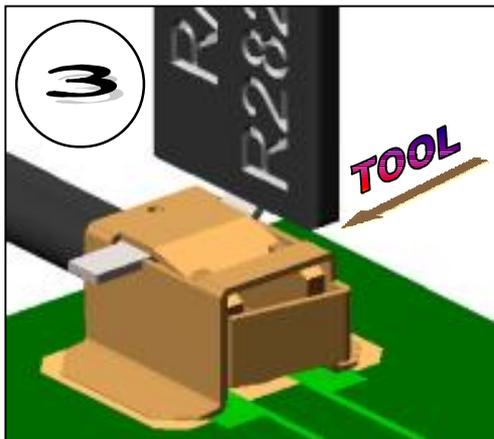
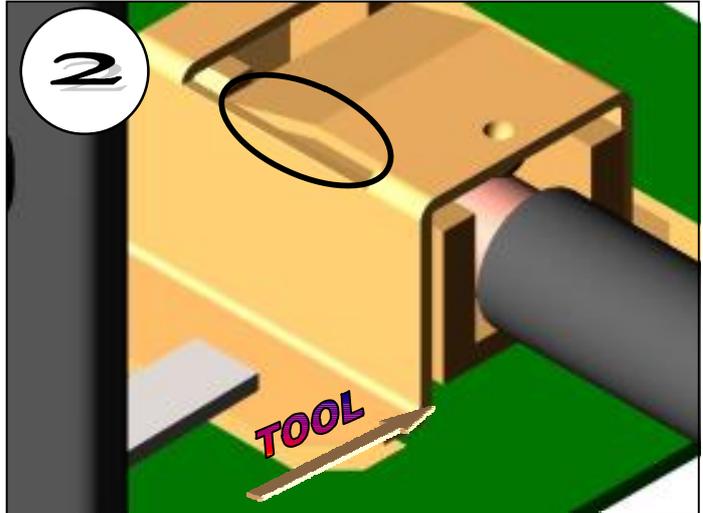
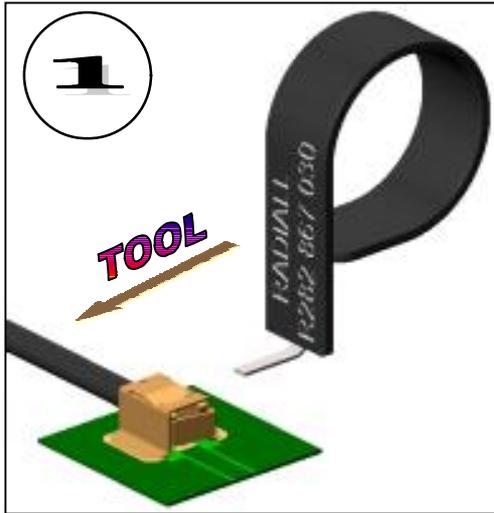
RIGHT ANGLE H2 RECEPTACLE SMT TYPE

R107.003.010

REEL 100

Series : UMP

# UMP DISCONNECTING NOTE



Issue : 0415 A

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.