


## EMILY-D

~11° diffused spot beam. 14.74 mm high lens.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	14.7 mm
Fastening	tape, pin
ROHS compliant	yes 

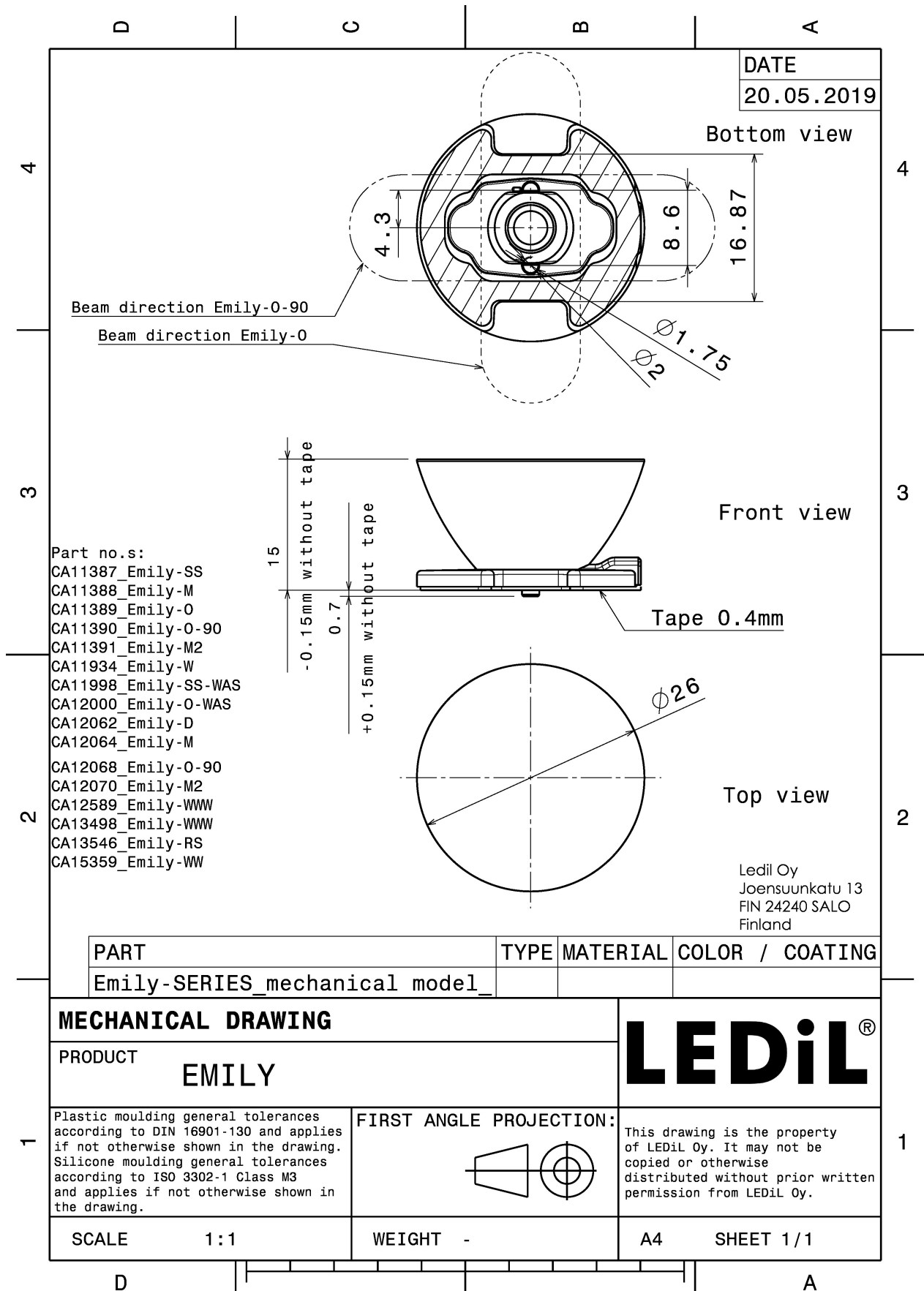
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
EMILY-D	Single lens	PMMA		
SPUTNIK-TAPE	Tape	PU tape		



### ORDERING INFORMATION:

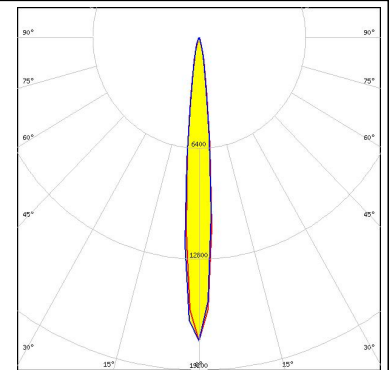
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA12062_EMILY-D » Box size: 480 x 280 x 300 mm	Single lens	1690	260	130	10.5



#### PHOTOMETRIC DATA (MEASURED):

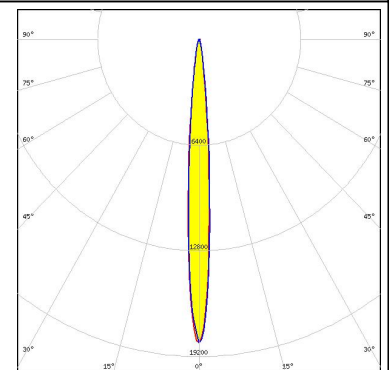
**CREE** 

LED XB-H  
 FWHM 10.0°  
 Efficiency 89 %  
 Peak intensity 17.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



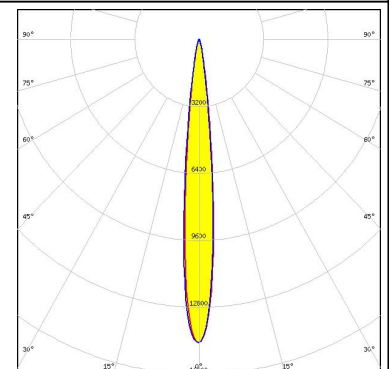
**CREE** 

LED XD16  
 FWHM 8.0°  
 Efficiency 92 %  
 Peak intensity 18.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



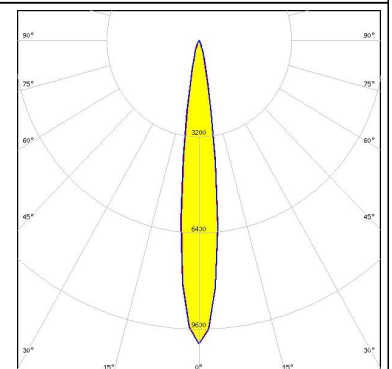
**CREE** 

LED XHP35 HI  
 FWHM 11.0°  
 Efficiency 92 %  
 Peak intensity 14.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**CREE** 

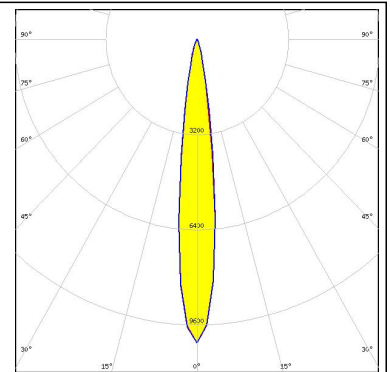
LED XM-L  
 FWHM 14.0°  
 Efficiency 90 %  
 Peak intensity 10.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

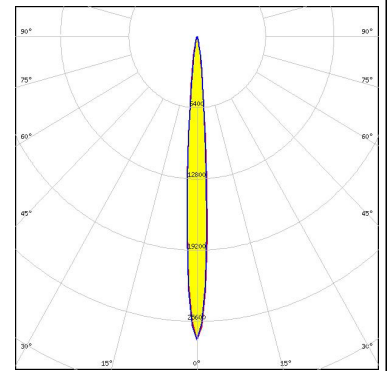
#### CREE

LED XM-L2  
 FWHM 14.0°  
 Efficiency 90 %  
 Peak intensity 10.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



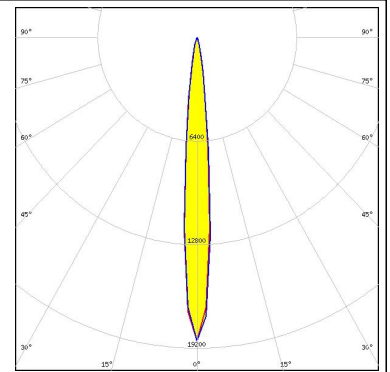
#### CREE

LED XP-E2  
 FWHM 8.0°  
 Efficiency 87 %  
 Peak intensity 27.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



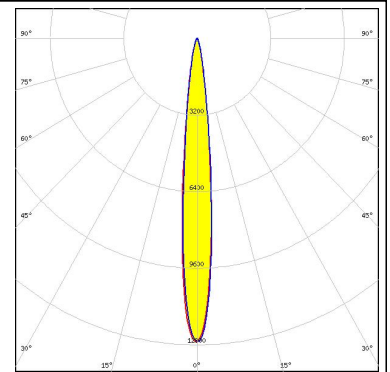
#### CREE

LED XP-G2  
 FWHM 10.0°  
 Efficiency 90 %  
 Peak intensity 20.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

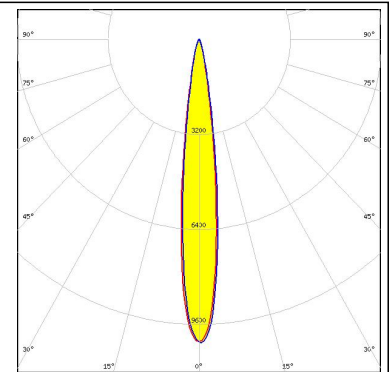
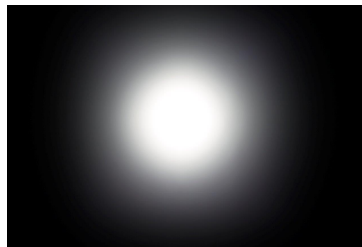
LED XP-G3  
 FWHM 11.0°  
 Efficiency 94 %  
 Peak intensity 13.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



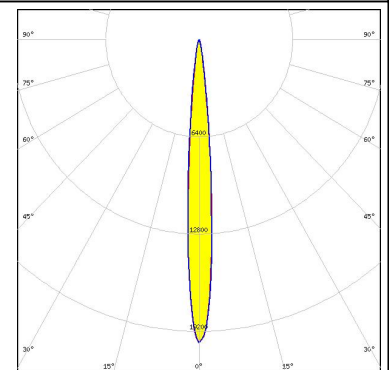
#### PHOTOMETRIC DATA (MEASURED):



LED XP-L HD  
 FWHM 13.0°  
 Efficiency 90 %  
 Peak intensity 10.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-L HI  
 FWHM 9.0°  
 Efficiency 87 %  
 Peak intensity 20.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XT-E  
 FWHM 9.0°  
 Efficiency %  
 Peak intensity 14.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

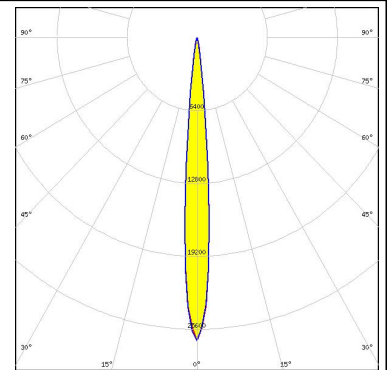


LED LUXEON A  
 FWHM 11.0°  
 Efficiency 91 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### PHOTOMETRIC DATA (MEASURED):

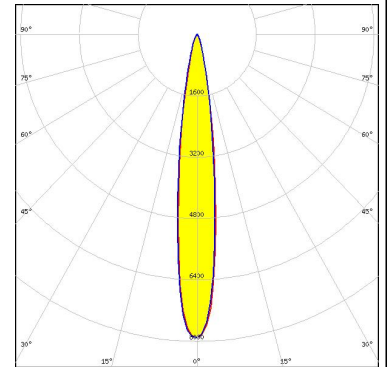
#### LUMILEDS

LED LUXEON Rebel ES  
 FWHM 10.0°  
 Efficiency 91 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### NICHIA

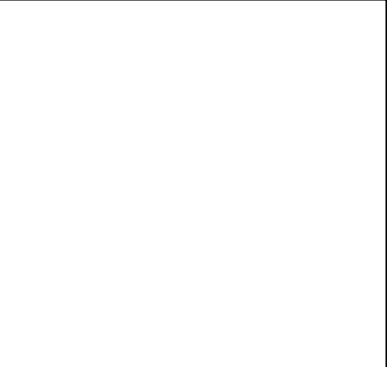
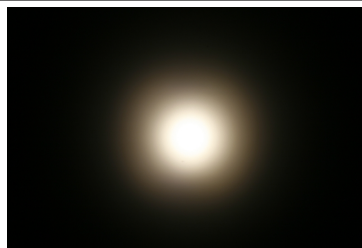
LED NS9x383  
 FWHM 14.0°  
 Efficiency 90 %  
 Peak intensity 7.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

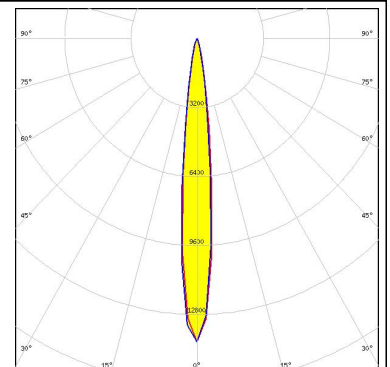
Opto Semiconductors

LED OSOLON Square EC  
 FWHM 9.0°  
 Efficiency 86 %  
 Peak intensity 20.060 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

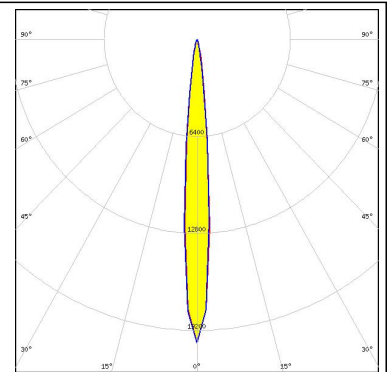
LED LH351B  
 FWHM 12.0°  
 Efficiency 88 %  
 Peak intensity 14.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



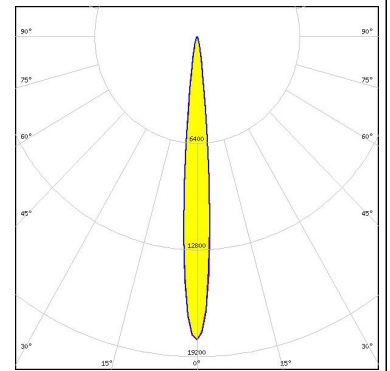
**PHOTOMETRIC DATA (MEASURED):**

**SAMSUNG**

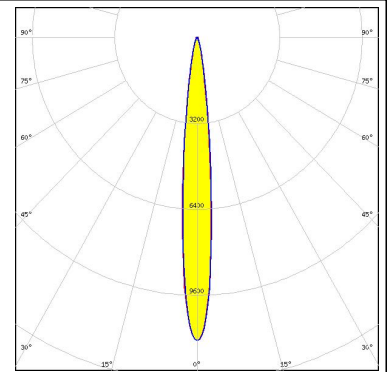
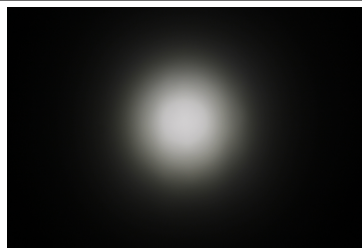
LED LH351Z  
FWHM 10.0°  
Efficiency 88 %  
Peak intensity 20.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR  
LED Z5M1/Z5M2  
FWHM 10.0°  
Efficiency 94 %  
Peak intensity 18.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:


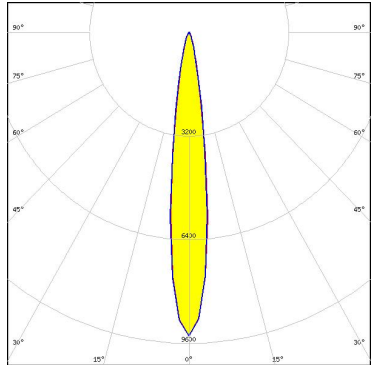

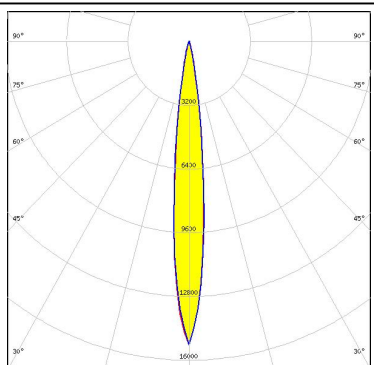
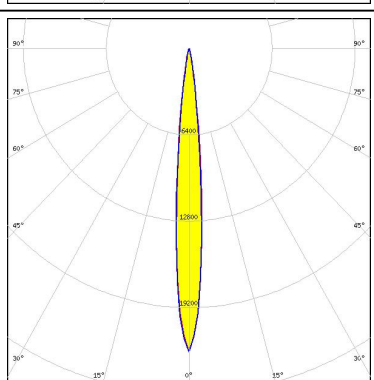


SEOUL SEMICONDUCTOR  
LED Z8Y22P  
FWHM 11.0°  
Efficiency 93 %  
Peak intensity 11.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:





**PHOTOMETRIC DATA (SIMULATED):**

<p><b>CREE</b> </p> <p>LED XM-L HVW            FWHM 14.0°            Efficiency %            Peak intensity cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>CREE</b> </p> <p>LED XP-G2 HE            FWHM 12.0°            Efficiency 95 %            Peak intensity 15.232 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLON Square CSSRM2/CSSRM3            FWHM 9.9°            Efficiency 94 %            Peak intensity 22.500 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	



### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
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- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
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- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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