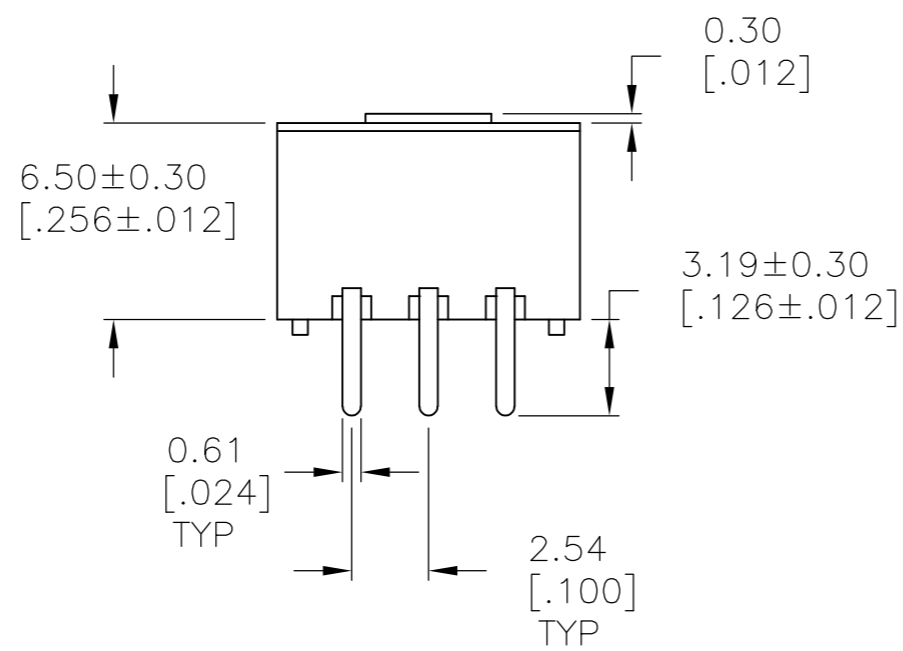
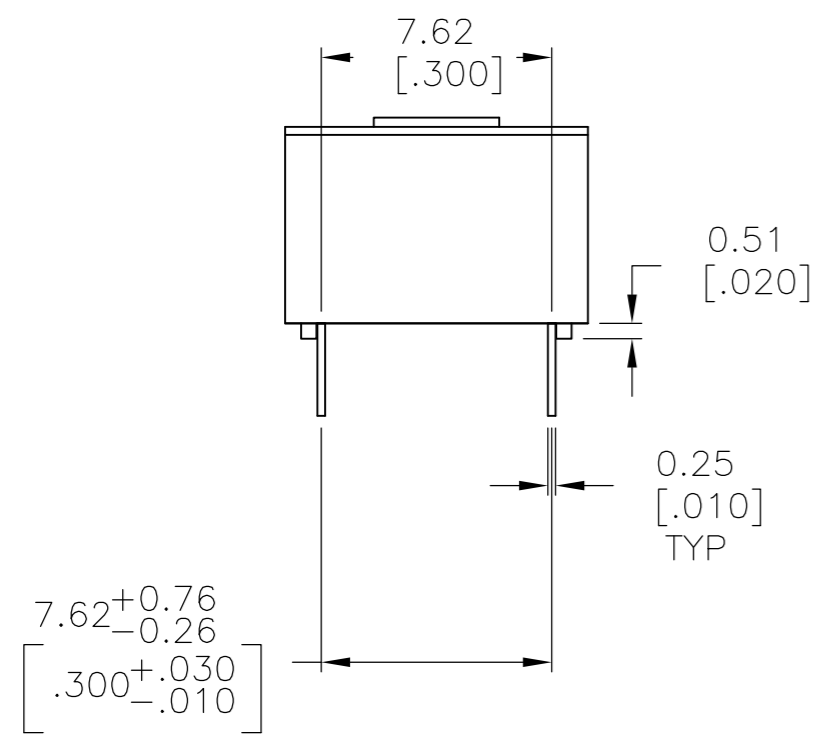
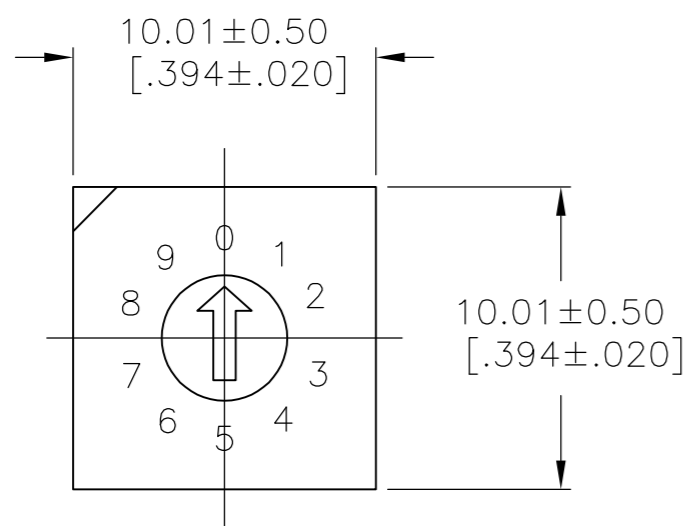


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| LOC |     | DIST                      |         | REVISIONS |      |  |  |
|-----|-----|---------------------------|---------|-----------|------|--|--|
| P   | LTR | DESCRIPTION               | DATE    | DWN       | APVD |  |  |
|     | A   | ECO-07-03889              | 21FEB07 | MB        | MS   |  |  |
|     | A1  | REVISED PER ECO-09-024927 | 07NOV09 | KK        | AEG  |  |  |



RRD PC MOUNT

SPECIFICATIONS:

**MATERIAL:**  
 BASE AND COVER - PPS UL94V-0, BLACK  
 ROTOR - NYLON PA6T UL94V-0, COLOR SEE P/N TABLE.  
 MOVING CONTACT - COPPER ALLOY, GOLD FLASH OVER NICKEL.  
 FIXED CONTACT - COPPER ALLOY, GOLD FLASH OVER NICKEL.  
 TERMINALS - COPPER ALLOY, GOLD FLASH OVER NICKEL.

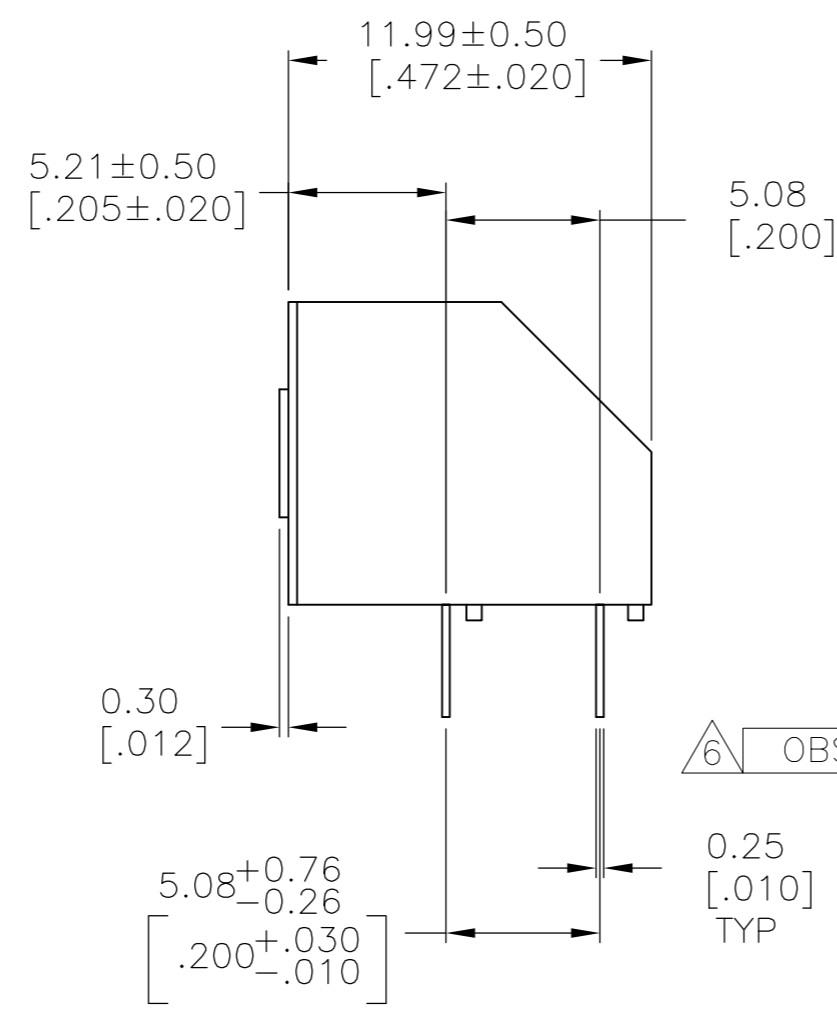
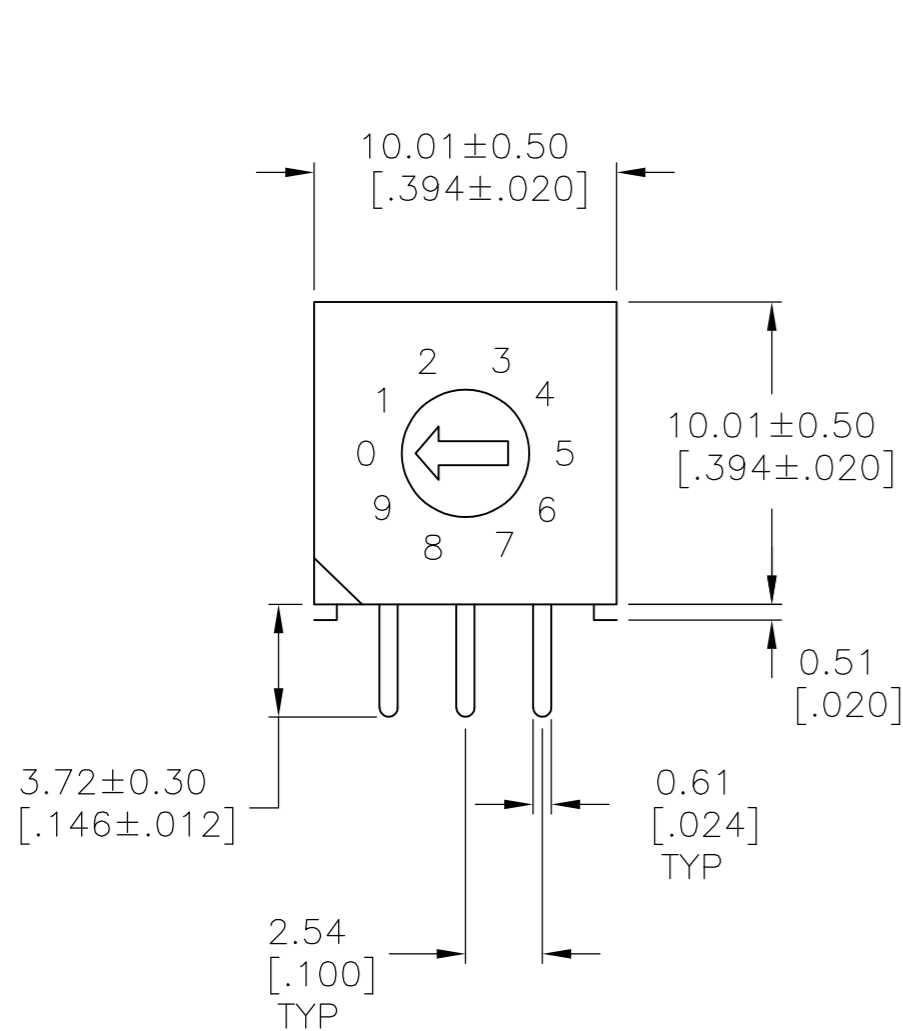
**ELECTRICAL:**  
 CONTACT RATING - 0.4 VA @ 20 VDC OR PEAK AC.  
 INITIAL CONTACT RESISTANCE - 50 MILLIOHMS MAX.  
 INSULATION RESISTANCE - 1,000 MEGOHMS @ 100 VDC.  
 DIELECTRIC STRENGTH - 300 VAC.  
 LIFE EXPECTANCY - 10,000 ROTATIONS.

**MECHANICAL:**  
 ACTUATION FORCE - 6 OZ.-IN. (NOM.).

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE: -22°F TO +185°F (-30°C TO +85°C).  
 STORAGE TEMPERATURE: -49°F TO +212°F (-45°C TO +100°C).  
 RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B.  
 SOLDERABILITY PER EIA-364-52 CLASS 2, CATEGORY 1.

NOTES:

- ① RED ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH.
- ② BLACK ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH.
- ③ ORANGE ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH.
- ④ WHITE ROTOR WITH WHITE PRINTING ON TOP AND SIDE OF SWITCH.
- 5. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(ROHS).
- ⑥ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



RRD RIGHT ANGLE PC MOUNT

| REMARKS | TERMINATION | CIRCUIT TYPE           | RESISTOR VALUE | T&B P/N.       | TYCO P/N. |
|---------|-------------|------------------------|----------------|----------------|-----------|
| ④       | RIGHT ANGLE | HEXADECIMAL COMPLEMENT | 3.3k ohms      | RRD16C3.3KRA04 | 1825444-7 |
| ④       | PC          | HEXADECIMAL COMPLEMENT | 3.3k ohms      | RRD16C3.3K04   | 1825444-6 |
| ④       | RIGHT ANGLE | HEXADECIMAL COMPLEMENT | 10k ohms       | RRD16C10KRA04  | 1825444-5 |
| ④       | PC          | HEXADECIMAL COMPLEMENT | 10k ohms       | RRD16C10K04    | 1825444-4 |
| ②       | RIGHT ANGLE | HEXADECIMAL            | 10k ohms       | RRD1610KRA04   | 1825444-3 |
| ②       | PC          | HEXADECIMAL            | 10k ohms       | RRD1610K04     | 1825444-2 |
| ①       | PC          | BC DECIMAL             | 10k ohms       | RRD1010K04     | 1825444-1 |

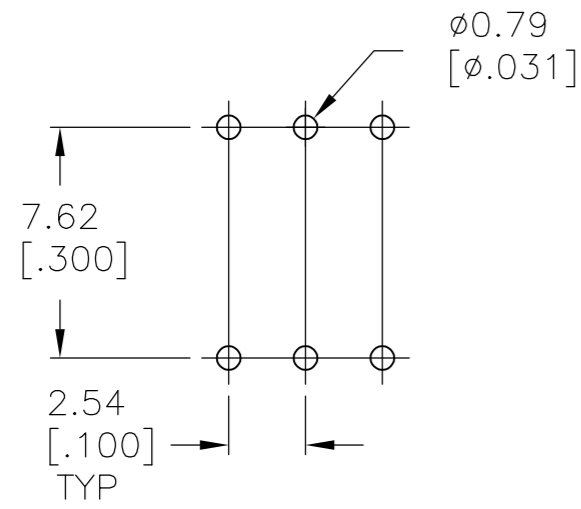
|   |  |                  |          |           |   |
|---|--|------------------|----------|-----------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN              | M.BINNER | 23OCT06   | Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |
| DIMENSIONS: mm [INCHES]   |  | CHK              | M.SARVER | 23OCT06   |   |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:  |  | APVD             | M.SARVER | 23OCT06   |   |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.25[.010]<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± 1° |  | PRODUCT SPEC     |          | NAME      |   |
| MATERIAL SEE SPECIFICATIONS   |  | FINISH -         |          | WEIGHT -  | SIZE A2   |
|   |  | CUSTOMER DRAWING |          | SCALE 4:1 | SHEET 1 of 2  |
|   |  |                  |          | REV A1    | RESTRICTED TO -   |

| LOC | DIST | REVISIONS   |      |     |      |
|-----|------|-------------|------|-----|------|
| P   | LTR  | DESCRIPTION | DATE | DWN | APVD |
| AD  | 00   | SEE SHEET 1 | -    | -   | -    |

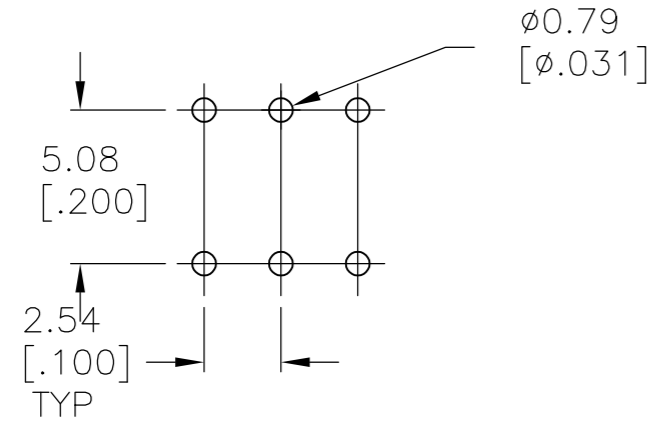
# TRUTH TABLES

FOR HYBRID VERSIONS (RR SERIES AND RA/C SERIES),  
 COMMON BETWEEN TERMINALS 1 AND 4 IS RESISTOR  
 OR DIODE COMMON.  
 COMMON BETWEEN TERM 2 AND 8 IS GROUND  
 (VIEWED FROM BOTTOM OF SWITCH)

|     |      |
|-----|------|
| 0 8 | 1 0  |
| 0 G | R-CO |
| 0 2 | 4 0  |



PC



PC

RIGHT ANGLE

RECOMMENDED HOLE LAYOUT  
 TOLERANCE ±.002 UNLESS OTHERWISE NOTED

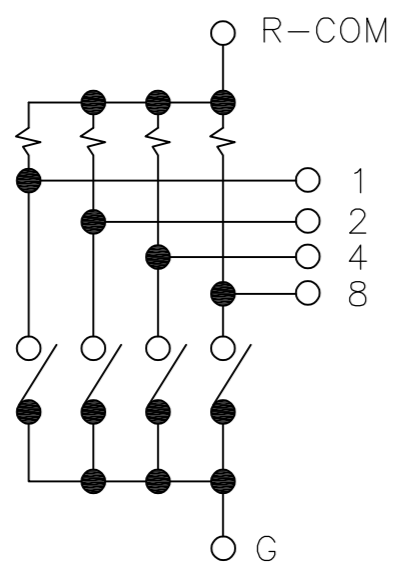
10-POSITION, BCD <sup>1</sup>

| POS. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|------|---|---|---|---|---|---|---|---|---|---|
| 0    | X | X | X | X | X | X | X | X | X | X |
| 1    |   | X |   | X |   | X |   | X |   | X |
| 2    |   |   | X | X |   | X | X |   |   |   |
| 4    |   |   |   |   | X | X | X | X |   |   |
| 8    |   |   |   |   |   |   |   |   | X | X |

16-POSITION, HEXADECIMAL <sup>2</sup>

| POS. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0    | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 1    |   | X |   | X |   | X |   | X |   | X |   | X |   | X |   | X |
| 2    |   |   | X | X |   | X | X |   |   | X | X |   |   | X | X |   |
| 4    |   |   |   |   | X | X | X | X |   |   |   | X | X | X | X |   |
| 8    |   |   |   |   |   |   |   |   | X | X | X | X | X | X | X | X |

## RR SERIES RESISTOR NETWORK INFORMATION



10-POSITION, BCD COMPLIMENT <sup>3</sup>

| POS. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|------|---|---|---|---|---|---|---|---|---|---|
| 0    | X | X | X | X | X | X | X | X | X | X |
| 1    | X |   | X |   | X |   | X |   | X |   |
| 2    | X | X |   |   | X | X |   |   | X | X |
| 4    | X | X | X | X |   |   |   |   | X | X |
| 8    | X | X | X | X | X | X | X | X |   |   |

16-POSITION, HEXADECIMAL COMPLIMENT <sup>4</sup>

| POS. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0    | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 1    | X |   | X |   | X |   | X |   | X |   | X |   | X |   | X |   |
| 2    | X | X |   |   | X | X |   |   | X | X |   |   | X | X |   |   |
| 4    | X | X | X | X |   |   |   |   | X | X | X | X |   |   |   |   |
| 8    | X | X | X | X | X | X | X | X |   |   |   |   |   |   |   |   |

|             |            |            |              |
|-------------|------------|------------|--------------|
| 125mW       | 3.3k ohms  | ±5% @ 85°C | 24V          |
|             | 10k ohms   |            |              |
| RATED POWER | RESISTANCE | TOLERANCE  | MAX. VOLTAGE |

|   |  |                             |   |                    |
|---|--|-----------------------------|---|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN<br>M.BINNER<br>23OCT06  | Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |                    |
| DIMENSIONS:<br>mm [INCHES]  |  | CHK<br>M.SARVER<br>23OCT06  |   |                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:  |  | APVD<br>M.SARVER<br>23OCT06 | NAME<br>RRD SERIES ROTARY<br>DIP SWITCH                   |                    |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.25[.010]<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± 1° |  | PRODUCT SPEC<br>-           | SIZE<br>A2  |                    |
| MATERIAL<br>SEE SPECIFICATIONS  |  | FINISH<br>-                 | APPLICATION SPEC<br>-                                     | CAGE CODE<br>00779 |
|   |  | WEIGHT<br>-                 | DRAWING NO<br>C=1825444                                   | RESTRICTED TO<br>- |
|   |  | CUSTOMER DRAWING            | SCALE<br>4:1  | SHEET<br>2 OF 2    |
|   |  |                             | REV<br>A1   |                    |

1825444



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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