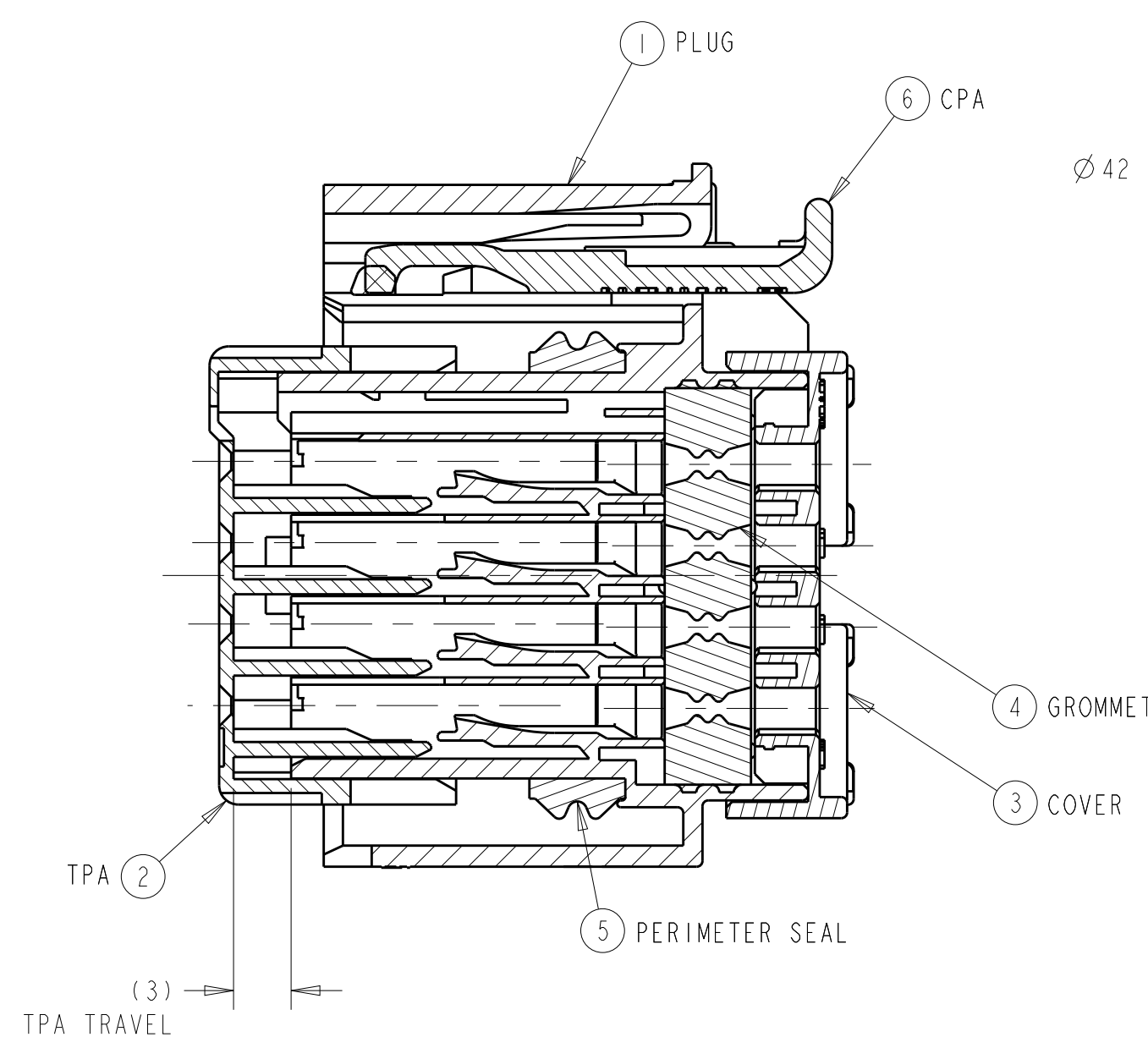
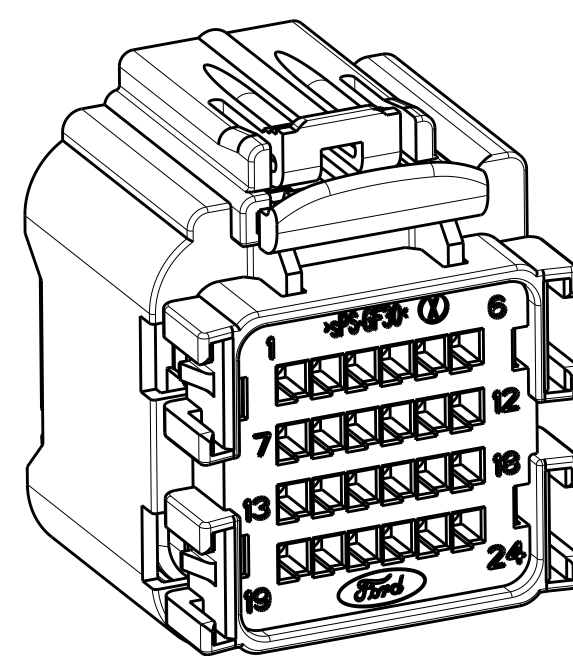


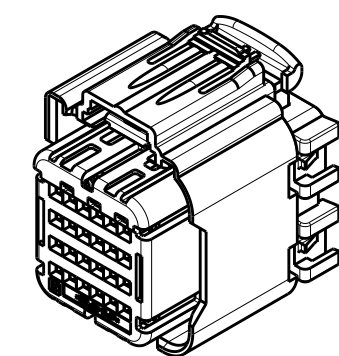
### OPTION "F"



MINIMUM FEED THROUGH CONDITION  
WITH 1mm CLEARANCE ALL AROUND  
SHOWN WITH OPTION WIRESHIELD



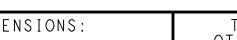
SCALE 2:1



SCALE 1:1

1. APPLICABLE TERMINAL PART NUMBERS (SOLD SEPARATELY):  
FOR TIN APPLICATIONS: 1393367 AND 1393366.  
FOR GOLD APPLICATIONS: 1393365 AND 1393364.  
FOR TERMINATION AND REELING OPTIONS  
SEE DRAWINGS 1393367, 1393366, 1393365, AND 1393364.
2. COMPATIBLE WIRE SIZE FOR MAT SEAL DESIGN 1.19 TO 2.06 O.D.  
(22-18 AWG, 0.35-0.75 mm2)
3. TPA IS SHIPPED IN IT'S PRE-LOADED POSITION. ALL ASSEMBLIES ARE  
TO BE TRAY PACKAGED.
4. CUSTOMER PART NUMBER AND TRACEABILITY CODE (YY = TWO DIGIT YEAR,  
JJJ = JULIAN DAY, HH = TWO DIGIT MILITARY HOUR, A = ASSEMBLY  
PROCESS USED) ARE PRINTED IN THIS LOCATION.
5. PART ASSEMBLY WEIGHT WITHOUT TERMINALS AND WITH STANDARD PIN-OUT  
CONFIGURATION IS 14.39 GRAMS.
6. OPTIONAL WIRESHIELD P/N 7-1419157-8 (SOLD SEPARATELY). PLEASE CONTACT  
YOUR TE SALES REPRESENTATIVE FOR AVAILABILITY AND PRICING.

|      |                                                                           |             |              |
|------|---------------------------------------------------------------------------|-------------|--------------|
| 6    | CPA                                                                       | PBT 15% GF  | RED          |
| 5    | PERIMETER SEAL                                                            | SILICONE    | GREEN        |
| 4    | GROMMET                                                                   | SILICONE    | BROWN        |
| 3    | COVER                                                                     | PA66 35% GF | BLACK        |
| 2    | TPA WITH<br>3 SHORTING BAR POSITIONS CONFIGURATION                        | sPS 30% GF  | RED          |
| 1    | PLUG WITH KEYING OPTION "F" AND<br>3 SHORTING BAR POSITIONS CONFIGURATION | PA66 35% GF | BLACK        |
| 1    | PLUG WITH KEYING OPTION "E" AND<br>3 SHORTING BAR POSITIONS CONFIGURATION | PA66 35% GF | BLACK        |
| 1    | PLUG WITH KEYING OPTION "D" AND<br>3 SHORTING BAR POSITIONS CONFIGURATION | PA66 35% GF | BLACK        |
| 1    | PLUG WITH KEYING OPTION "C" AND<br>3 SHORTING BAR POSITIONS CONFIGURATION | PA66 35% GF | NATURAL      |
| 1    | PLUG WITH KEYING OPTION "B" AND<br>3 SHORTING BAR POSITIONS CONFIGURATION | PA66 35% GF | BLACK        |
| 1    | PLUG WITH KEYING OPTION "A" AND<br>3 SHORTING BAR POSITIONS CONFIGURATION | PA66 35% GF | GRAY         |
| ITEM | DESCRIPTION                                                               | MATERIAL    | FINISH/COLOR |

|                                                                                       |  |                                                                                                                           |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>M. FORISKA 16APR2002<br>CWR<br>M. FORISKA 16APR2002<br>APVD<br>A. VALASEK 16APR2002                                |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.01<br>1 PLC ±.03<br>3 PLC ±.05<br>4 PLC ±.07<br>ANGLES ±.3°<br>FINISH - |  | NAME<br>24 WAY ARM,<br>PLUG ASSEMBLY WITHOUT SHORTING BARS,<br>CUSTOMER SPEC.                         |  |
|  |  | PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>-                                                                                |  | SIZE<br>A1 00779                                                                                      |  |
| MATERIAL<br>SEE CHART ABOVE                                                           |  | WEIGHT<br>SEE NOTE 5                                                                                                      |  | CASE CODE<br>C-3-1419157-9                                                                            |  |
|                                                                                       |  | CUSTOMER DRAWING<br>                                                                                                      |  | SCALE 3:1 SHEET 1 OF 3 REV BK                                                                         |  |



|                                                                                     |  |                                                                  |                                                                                                       |                    |                             |                    |
|-------------------------------------------------------------------------------------|--|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|-----------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                              |  | SWN M FORSKA 16APR2002                                           |  TE Connectivity |                    |                             |                    |
|                                                                                     |  | CHG V FORSKA 16APR2002                                           |                                                                                                       |                    |                             |                    |
| DIMENSIONS:<br>mm                                                                   |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>APD A VALASK 16APR2002 | NAME                                                                                                  |                    |                             |                    |
|  |  | PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>-                       | 24 WAY ARM,<br>PLUG ASSEMBLY WITHOUT SHORTING BARS,<br>CUSTOMER SPEC.                                 |                    |                             |                    |
| MATERIAL<br>SEE CHART ABOVE                                                         |  | ANGLES<br>FINISH<br>-                                            | SIZE<br>A 1                                                                                           | CAGE CODE<br>00779 | DRAWING NO<br>C=3-1419157-9 | RESTRICTED TO<br>- |
| CUSTOMER DRAWING                                                                    |  |                                                                  | SCALE<br>3:1                                                                                          | SHEET<br>2         | OF<br>3                     | REV<br>BK          |



| PIN-OUT CHART |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |                         |  |                       |  |  |  |
|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|-------------------------|--|-----------------------|--|--|--|
| 12            | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |    |    |    |    |  |  |  |  | 1-1438103-5             |  | KEY "A"               |  |  |  |
| 12            |    |    | 15 | 16 | 17 | 18 |    |    | 21 | 22 | 23 |    |    |  |  |  |  | 1-1438356-2             |  | KEY "D"               |  |  |  |
| 12            | 13 | 14 | 15 | 16 |    | 18 | 19 |    | 21 | 22 | 23 | 24 |    |  |  |  |  | 2-1438095-3             |  | KEY "B"               |  |  |  |
| 12            |    |    |    |    | 16 | 17 | 18 |    |    |    | 22 | 23 | 24 |  |  |  |  | 1-1438103-4             |  | KEY "A"               |  |  |  |
|               | 13 |    |    |    | 16 | 17 | 18 | 19 |    |    | 22 | 23 | 24 |  |  |  |  | 1438582-3               |  | KEY "E"               |  |  |  |
|               | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |    |  |  |  |  | 1-1438356-1             |  | KEY "D"               |  |  |  |
| 12            | 13 |    | 15 |    |    |    | 18 | 19 |    |    | 22 | 23 | 24 |  |  |  |  | 1-1438096-4             |  | KEY "C"               |  |  |  |
| 12            | 13 | 14 | 15 |    |    |    | 18 | 19 |    | 21 | 22 | 23 | 24 |  |  |  |  | 1-1438103-3             |  | KEY "A"               |  |  |  |
|               | 13 |    |    |    | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |  |  |  |  | 1-1438356-0             |  | KEY "D"               |  |  |  |
| 12            | 13 | 14 | 15 | 16 |    |    | 18 | 19 |    | 21 | 22 | 23 | 24 |  |  |  |  | 2-1438095-2             |  | KEY "B"               |  |  |  |
| 12            | 13 | 14 | 15 | 16 |    |    | 18 | 19 |    | 21 | 22 | 23 | 24 |  |  |  |  | 1-1438096-3             |  | KEY "C"               |  |  |  |
| 12            | 13 |    |    |    | 16 |    | 18 |    |    |    |    |    | 24 |  |  |  |  | 1-1438096-2             |  | KEY "C"               |  |  |  |
| 12            | 13 |    | 15 | 16 |    |    | 18 | 19 |    |    | 22 | 23 | 24 |  |  |  |  | 1-1438096-1             |  | KEY "C"               |  |  |  |
|               | 13 |    |    |    | 16 | 17 | 18 | 19 |    |    | 22 | 23 | 24 |  |  |  |  | 1438583-3               |  | KEY "F"               |  |  |  |
|               | 13 |    |    |    | 16 |    |    | 19 |    |    | 22 |    |    |  |  |  |  | 1438583-2               |  | KEY "F"               |  |  |  |
|               | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |    |  |  |  |  | 1438582-2               |  | KEY "E"               |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  | 1438582-1               |  | KEY "E"               |  |  |  |
|               | 13 | 14 | 15 |    |    | 17 |    | 19 | 20 | 21 |    |    |    |  |  |  |  | 1-1438103-2             |  | KEY "A"               |  |  |  |
| 12            | 13 | 14 | 15 | 16 |    |    | 18 | 19 |    |    | 22 | 23 | 24 |  |  |  |  | 2-1438095-1             |  | KEY "B"               |  |  |  |
| 12            |    | 14 |    | 16 |    |    | 18 |    |    |    |    |    | 24 |  |  |  |  | 2-1438095-0             |  | KEY "B"               |  |  |  |
| 12            | 13 |    | 15 | 16 |    |    | 18 | 19 |    |    | 22 | 23 | 24 |  |  |  |  | 1-1438095-9             |  | KEY "B"               |  |  |  |
|               | 13 |    |    |    | 16 | 17 | 18 | 19 |    |    | 22 | 23 | 24 |  |  |  |  | 1-1438103-1             |  | KEY "A"               |  |  |  |
| 12            |    | 14 |    | 16 |    |    | 18 |    |    | 21 |    |    | 24 |  |  |  |  | 1-1438095-8             |  | KEY "B"               |  |  |  |
| 12            | 13 | 14 | 15 | 16 |    |    | 18 | 19 |    | 21 | 22 | 23 | 24 |  |  |  |  | 1-1438095-7             |  | KEY "B"               |  |  |  |
| 12            | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |    |  |  |  |  | 1-1438103-0             |  | KEY "A"               |  |  |  |
|               | 13 | 14 | 15 |    |    | 17 |    | 19 | 20 | 21 |    |    |    |  |  |  |  | 2-1438103-0             |  | KEY "A"               |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  | 1438356-9               |  | KEY "D"               |  |  |  |
| 12            |    |    | 15 | 16 |    |    |    |    |    |    | 22 | 23 |    |  |  |  |  | 1438356-8               |  | KEY "D"               |  |  |  |
| 12            |    |    | 15 | 16 |    |    |    |    |    |    | 22 | 23 |    |  |  |  |  | 1438103-9               |  | KEY "A"               |  |  |  |
| 12            |    | 14 |    | 16 |    |    | 18 |    |    |    |    |    | 24 |  |  |  |  | 1-1438095-6             |  | KEY "B"               |  |  |  |
| 12            | 13 | 14 | 15 | 16 |    |    | 18 | 19 |    |    | 22 | 23 | 24 |  |  |  |  | 1-1438095-5             |  | KEY "B"               |  |  |  |
| 12            | 13 | 14 |    | 16 |    |    | 18 |    |    |    |    |    | 24 |  |  |  |  | 1-1438095-4             |  | KEY "B"               |  |  |  |
| 12            |    |    | 15 | 16 |    |    | 18 |    |    | 21 | 22 | 23 |    |  |  |  |  | 1438356-7               |  | KEY "D"               |  |  |  |
| 12            |    |    | 15 | 16 | 17 | 18 |    |    |    | 21 | 22 | 23 |    |  |  |  |  | 1438356-6               |  | KEY "D"               |  |  |  |
| 12            |    |    |    |    |    | 18 |    |    |    | 21 | 22 | 23 |    |  |  |  |  | 1438356-5               |  | KEY "D"               |  |  |  |
| 12            |    |    | 15 | 16 | 17 | 18 |    |    |    | 21 | 22 | 23 |    |  |  |  |  | 1438356-4               |  | KEY "D"               |  |  |  |
| 12            |    |    | 15 | 16 |    | 18 |    |    |    | 21 | 22 | 23 |    |  |  |  |  | 1-1438095-3             |  | KEY "B"               |  |  |  |
| 12            |    |    | 15 | 16 |    |    |    |    |    |    | 22 | 23 |    |  |  |  |  | 1-1438095-2             |  | KEY "B"               |  |  |  |
|               | 13 |    |    |    |    | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |  |  |  |  | 1438103-8               |  | KEY "A"               |  |  |  |
| 12            |    |    |    |    |    |    |    |    |    |    | 22 | 23 |    |  |  |  |  | 1438356-3               |  | KEY "D"               |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    |    | 23 |    |  |  |  |  | 1-1438095-1             |  | KEY "B"               |  |  |  |
|               |    |    |    |    | 16 | 18 |    |    |    |    |    | 23 |    |  |  |  |  | 1-1438096-0             |  | KEY "C"               |  |  |  |
|               |    |    |    |    | 16 | 18 |    |    |    |    |    | 23 |    |  |  |  |  | 1438096-9               |  | KEY "C"               |  |  |  |
|               |    |    |    |    |    | 18 |    |    |    |    | 22 | 23 |    |  |  |  |  | 1438096-8               |  | KEY "C"               |  |  |  |
|               | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |    |  |  |  |  | 1438096-7               |  | KEY "C"               |  |  |  |
|               |    |    |    |    | 16 | 18 |    |    |    |    | 22 | 23 |    |  |  |  |  | 1438096-4               |  | KEY "C"               |  |  |  |
|               | 13 |    |    |    |    |    |    | 19 | 20 | 21 | 22 |    |    |  |  |  |  | 1438096-3               |  | KEY "C"               |  |  |  |
|               |    |    |    |    |    |    | 18 |    |    |    |    |    |    |  |  |  |  | 1438096-2               |  | KEY "C"               |  |  |  |
|               |    |    |    |    |    | 17 |    |    |    |    | 22 | 23 |    |  |  |  |  | 1-1438095-0             |  | KEY "B"               |  |  |  |
|               |    |    |    |    | 16 | 17 |    |    |    |    | 22 | 23 |    |  |  |  |  | 1438095-9               |  | KEY "B"               |  |  |  |
|               |    |    |    |    |    | 17 |    |    |    |    | 22 |    |    |  |  |  |  | 1438095-8               |  | KEY "B"               |  |  |  |
|               |    |    |    |    | 16 | 17 |    |    |    |    | 22 |    |    |  |  |  |  | 1438095-7               |  | KEY "B"               |  |  |  |
| 12            |    | 14 |    | 16 |    |    | 18 |    |    | 21 |    |    | 24 |  |  |  |  | 1438095-6               |  | KEY "B"               |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    | 22 | 23 |    |  |  |  |  | 1438095-5               |  | KEY "B"               |  |  |  |
| 12            | 13 |    | 15 | 16 |    |    | 18 | 19 |    | 21 | 22 | 23 | 24 |  |  |  |  | 1438095-3               |  | KEY "B"               |  |  |  |
| 12            | 13 |    | 15 | 16 |    |    | 18 | 19 |    |    | 22 | 23 | 24 |  |  |  |  | 1438095-4               |  | KEY "B"               |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    | 22 |    |    |  |  |  |  | 1438095-2               |  | KEY "B"               |  |  |  |
| 12            |    |    | 15 | 16 |    |    |    |    |    |    | 22 | 23 |    |  |  |  |  | 1438356-2               |  | KEY "D"               |  |  |  |
| 12            |    |    | 15 | 16 |    |    | 18 |    |    | 21 | 22 | 23 |    |  |  |  |  | 1438103-7               |  | KEY "A"               |  |  |  |
| 12            |    |    | 15 | 16 |    |    |    |    |    |    | 22 | 23 |    |  |  |  |  | 1438103-6               |  | KEY "A"               |  |  |  |
|               | 13 |    |    |    |    | 17 | 18 | 19 |    |    | 22 | 23 | 24 |  |  |  |  | 1438103-5               |  | KEY "A"               |  |  |  |
| 12            | 13 | 14 | 15 | 16 |    |    | 18 | 19 |    | 21 | 22 | 23 | 24 |  |  |  |  | 1438103-4               |  | KEY "A"               |  |  |  |
|               | 13 |    |    |    |    |    |    | 19 |    |    | 22 |    |    |  |  |  |  | 1438096-5               |  | KEY "C"               |  |  |  |
|               | 13 |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  | 1438103-3               |  | KEY "A"               |  |  |  |
|               |    |    |    | 16 |    |    |    | 19 |    |    | 22 |    |    |  |  |  |  | 1438103-2               |  | KEY "A"               |  |  |  |
|               |    |    |    |    |    | 17 |    |    |    |    |    |    |    |  |  |  |  | 7-1419157-7             |  | KEY "A"               |  |  |  |
|               | 13 | 14 | 15 |    |    | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |  |  |  |  | 1438096-6               |  | KEY "C"               |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  | 1438103-1               |  | KEY "A"               |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  | 1438356-1               |  | KEY "D"               |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  | 4-1419171-1             |  | KEY "C"               |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  | 4-1419171-0             |  | KEY "B"               |  |  |  |
|               |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  | 3-1419171-9             |  | KEY "A"               |  |  |  |
| 12            | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |    |  |  |  |  | ASSEMBLY<br>PART NUMBER |  | PLUG<br>KEYING OPTION |  |  |  |

|                                                                           |
|---------------------------------------------------------------------------|
| CAVITIES WITH A NUMERIC SYMBOL INDICATE<br>CLOSED TERMINAL HOLE POSITIONS |
| BLANK CAVITIES INDICATE<br>OPEN TERMINAL HOLE POSITIONS                   |

4805 (3/11)



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

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