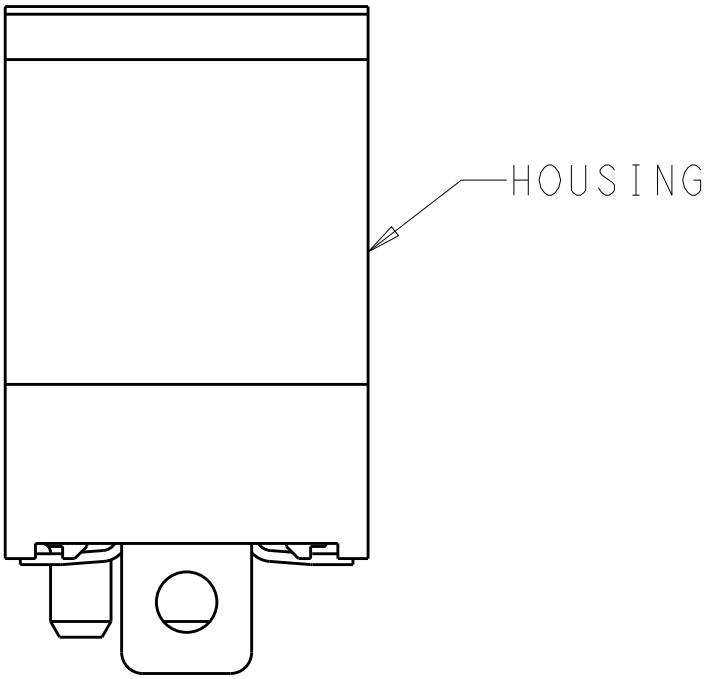


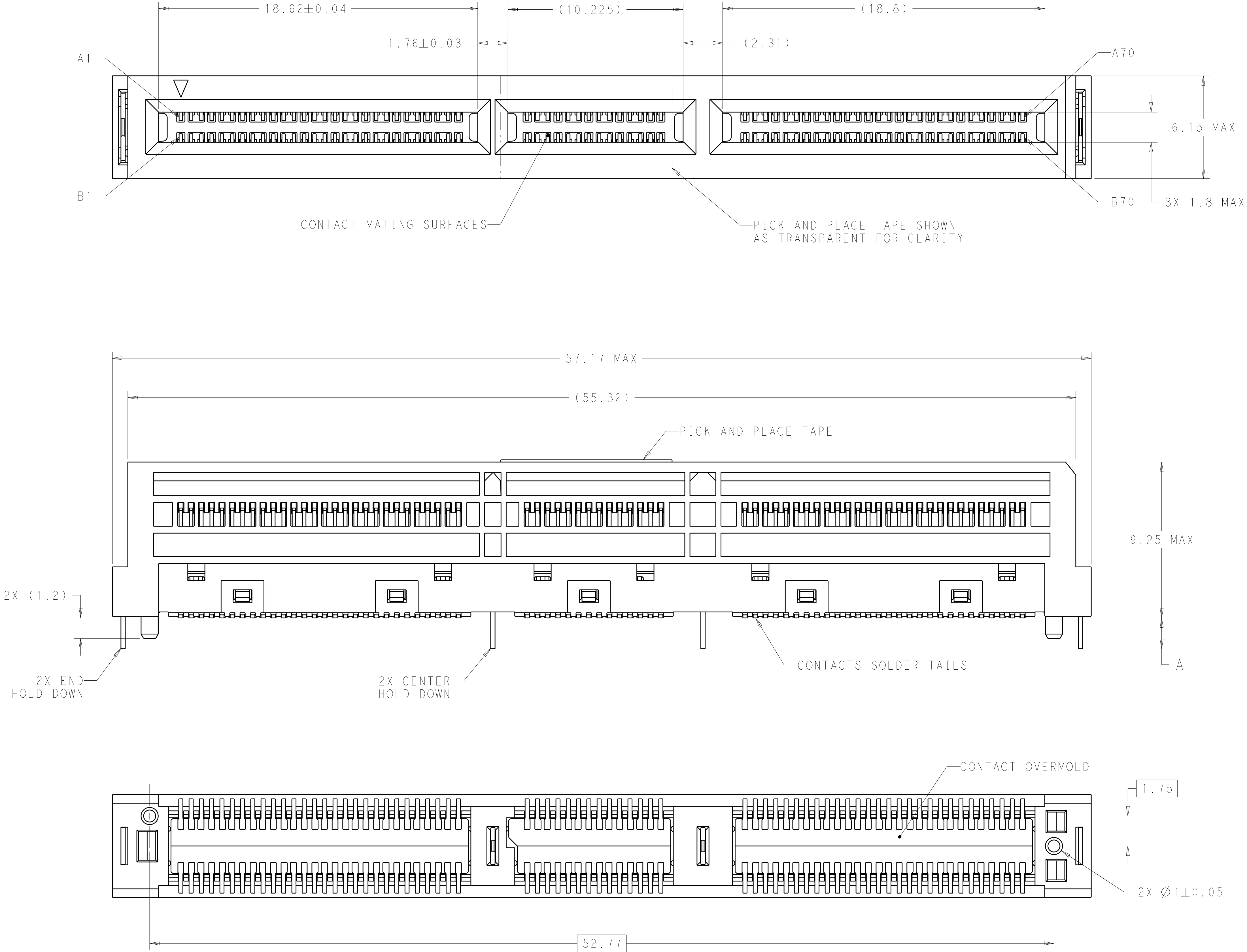
| REVISIONS |     |             |           |     |      |
|-----------|-----|-------------|-----------|-----|------|
| P         | LTR | DESCRIPTION | DATE      | DWN | APVD |
|           | A   | RELEASED    | 11MAY2019 | CJV | JW   |
|           |     |             |           |     |      |
|           |     |             |           |     |      |
|           |     |             |           |     |      |

- 1 HOUSING AND CONTACT OVERMOLDS - LCP, UL94-V0. BLACK.  
CONTACTS AND HOLD DOWNS - COPPER ALLOY.  
PICK AND PLACE TAPE - POLYIMIDE FILM.
- 2 CONTACTS - GOLD PLATE ON MATING SURFACES,  
TIN PLATE ON SOLDER FEET.  
HOLD DOWNS - TIN PLATE.
- 3 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
4. MINIMUM HOST PCB THICKNESS: 1.5.
- 5 SEE MSA SPECIFICATION FOR ADDITIONAL PADDLE CARD LAYOUTS COMPATIBLE WITH THIS RECEPTACLE AND FOR OPTIONAL SPLIT CONTACT PAD LAYOUTS FOR THE PADDLE CARD. SPECIFICATION PINOUT MAY ALSO DESIGNATE PAD SEQUENCE DIFFERENT FROM ILLUSTRATION.
- 6 POSITIONS DESIGNATED AS "SIGNAL" ARE REQUIRED LOCATIONS FOR HIGH SPEED DIFFERENTIAL PAIR SIGNALING. THESE LOCATIONS MAY ALSO BE USED FOR SUPPORTING SIDEBAND SIGNALS OR OTHER UTILITY PURPOSES. POSITIONS DESIGNATED AS "GROUND" ARE REQUIRED WHEN SUPPORTING HIGH SPEED DIFFERENTIAL SIGNALS. THESE LOCATIONS MAY ALSO BE USED FOR SIDEBAND SIGNALS OR OTHER UTILITY PURPOSES.
- 7 COMPONENT AND TRACE KEEP OUT AREA. EACH EDGE 0.15 MIN FROM EDGE OF HOLE.
- 8 TAPE AND REEL PACKAGED FOR PICK AND PLACE SMT PROCESSING, SEE FIGURE 1. POCKET TAPE WIDTH = 72.

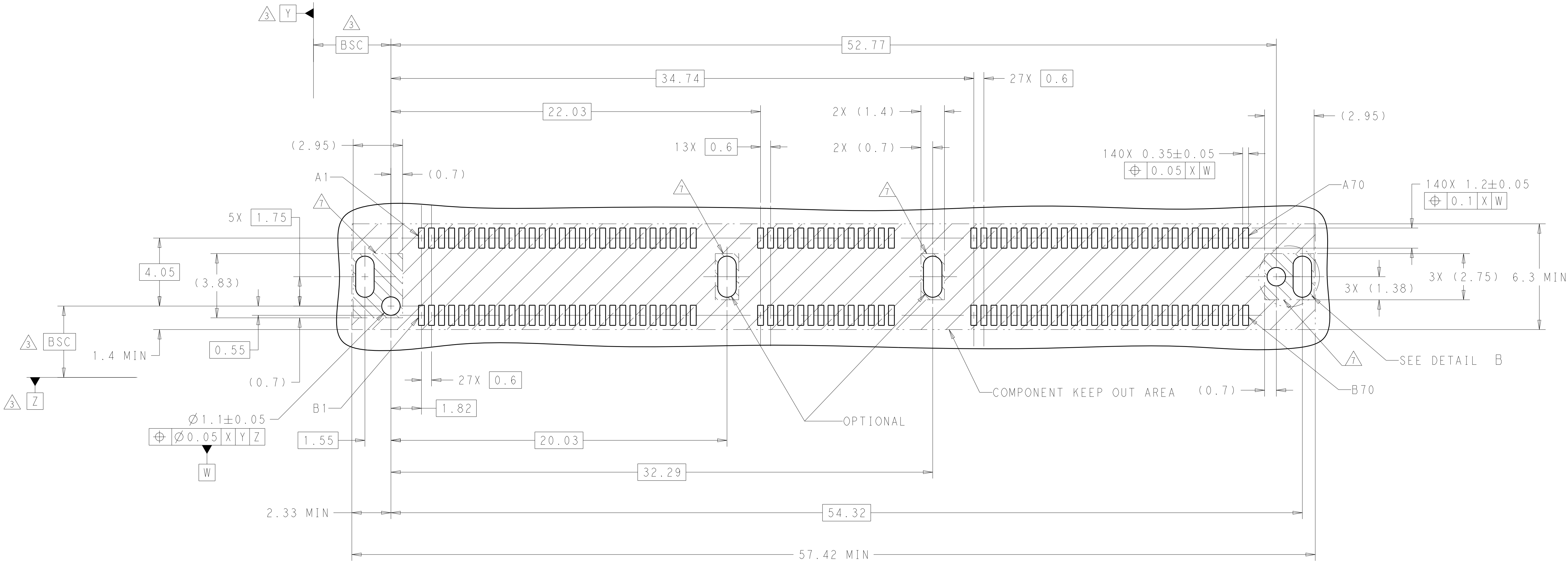


SEE SHEET 4  
FOR PART TABLE

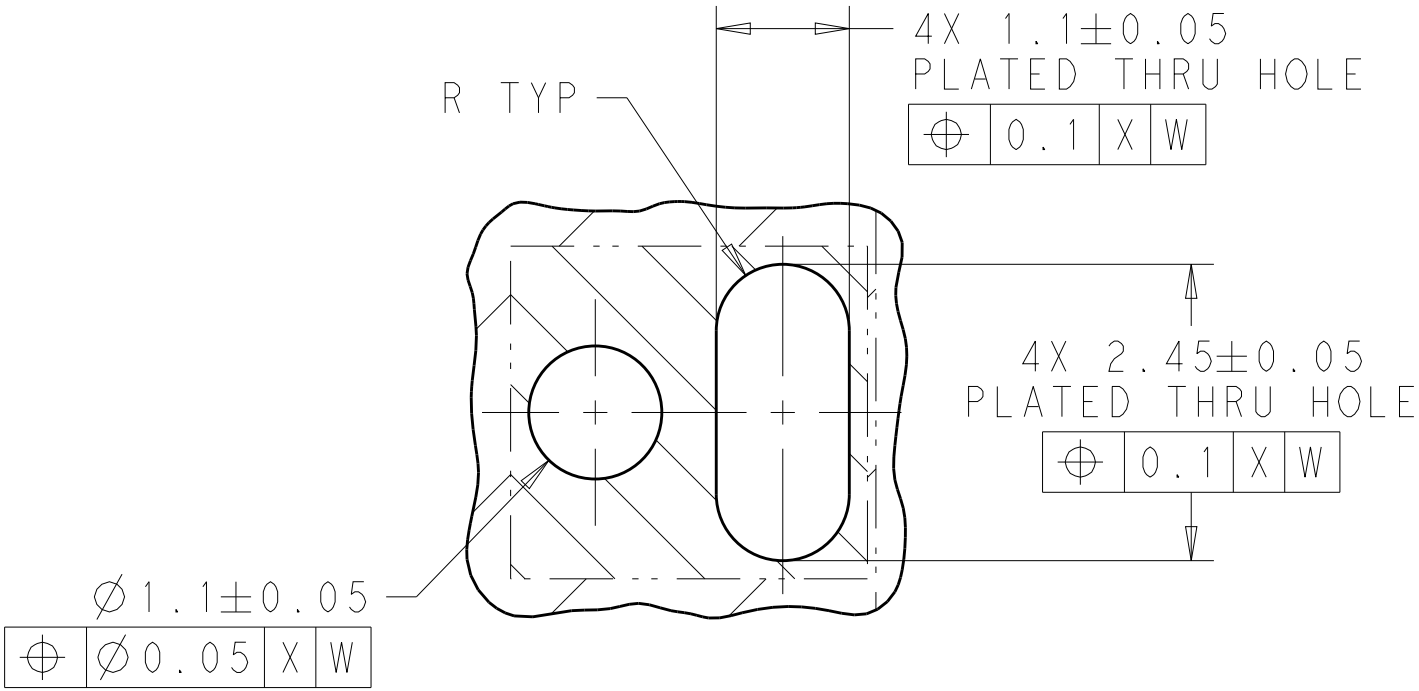
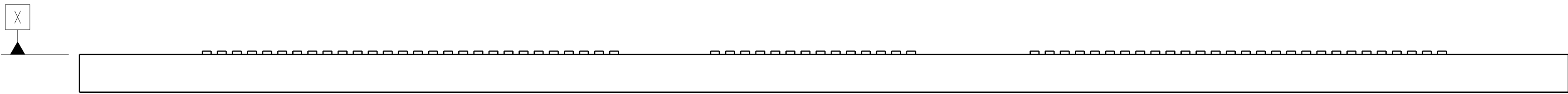
|                                        |  |                                                                                                                           |                                     |                                                                    |                          |
|----------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|--------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>C. VALENTINE<br>CHK<br>D. HARMON<br>APVD<br>D. HARMON                                                              | 16JAN2018<br>16JAN2018<br>16JAN2018 | TE Connectivity                                                    |                          |
| DIMENSIONS:<br>mm                      |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±"<br>1 PLC ±"<br>2 PLC ±"<br>3 PLC ±"<br>4 PLC ±"<br>ANGLES ±"<br>FINISH |                                     | NAME<br>RECEPTACLE ASSEMBLY, VERTICAL,<br>140 POSITION, SLIVER 2.0 |                          |
|                                        |  | PRODUCT SPEC<br>108-130021<br>APPLICATION SPEC<br>114-130008                                                              |                                     | SIZE<br>A100779                                                    |                          |
| MATERIAL<br>1                          |  | WEIGHT<br>-                                                                                                               |                                     | DRAWING NO<br>C=2327677                                            |                          |
|                                        |  | CUSTOMER DRAWING                                                                                                          |                                     | SCALE<br>8:1                                                       | SHEET<br>1 OF 4 REV<br>A |



| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |



RECOMMENDED PCB LAYOUT  
AND KEEP OUT AREA



DETAIL B  
SCALE 16:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
C. VALENTINE  
CHK  
D. HARMON  
APVD  
D. HARMON

16JAN2018  
16JAN2018  
16JAN2018

DIMENSIONS:

mm

0 PLC  
1 PLC  
2 PLC  
3 PLC  
4 PLC  
ANGLES  
FINISH

±  
±  
±  
±  
±  
±  
±

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

±  
±  
±  
±  
±  
±  
±

MATERIAL

1

2

CUSTOMER DRAWING

NAME  
RECEPTACLE ASSEMBLY, VERTICAL,  
140 POSITION, SLIVER 2.0

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
C=2327677

RESTRICTED TO

-

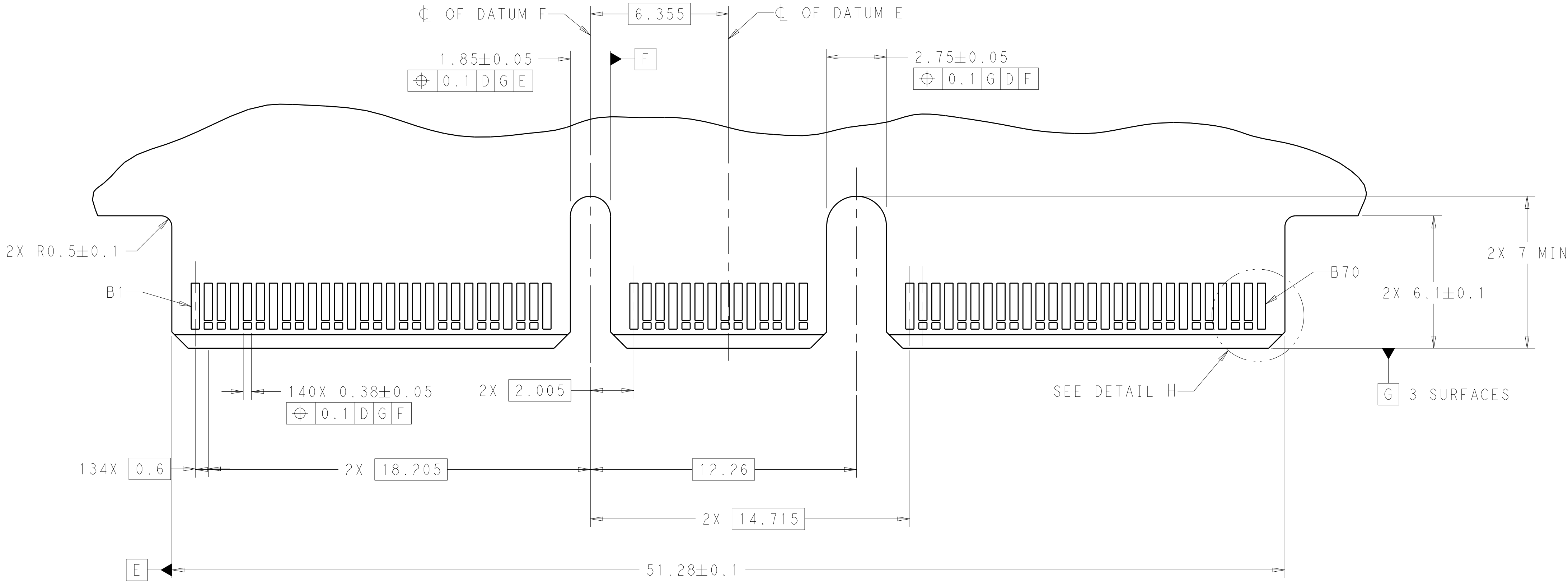
TE Connectivity

SCALE 8:1

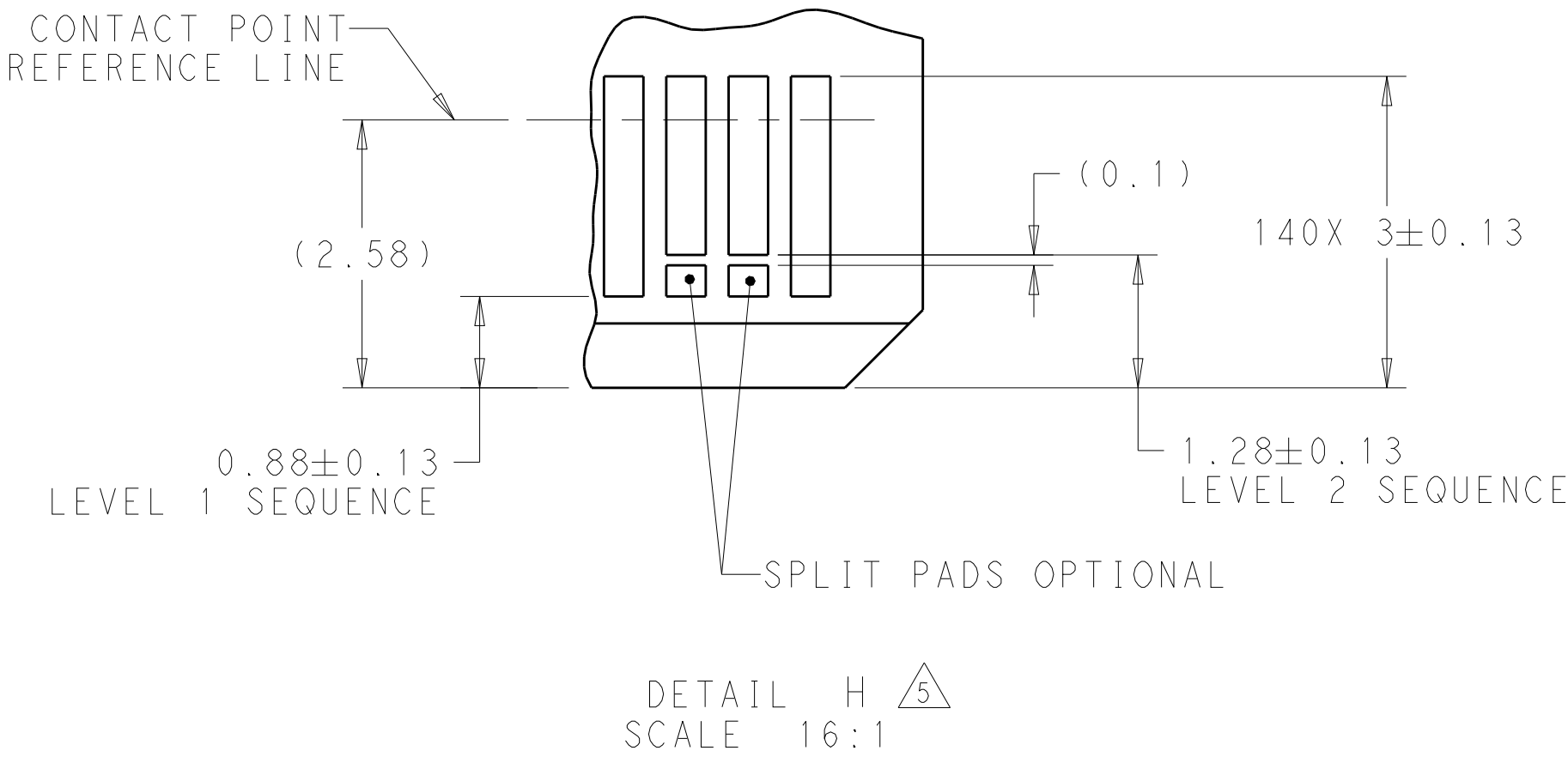
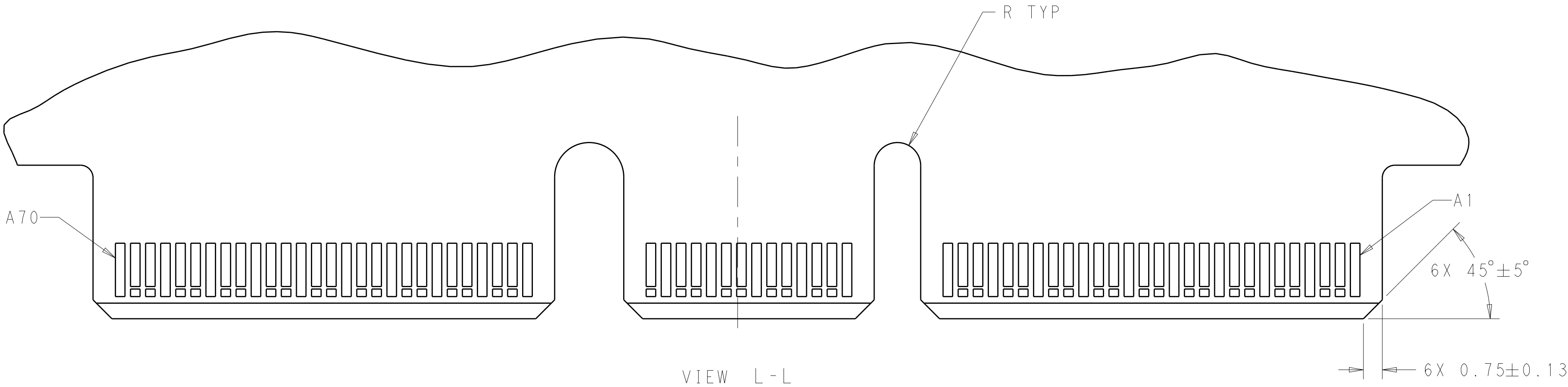
SHEET 2 OF 4

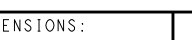
REV A

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
| -         | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |



RECOMMENDED PCB OUTLINE DIMENSIONS.  
TOLERANCE VALUES ARE CRITICAL. PLEASE BE SURE TO DESIGNATE  
TOLERANCES TO PCB SUPPLIER TO ENSURE OPTIMIZED FUNCTIONALITY.



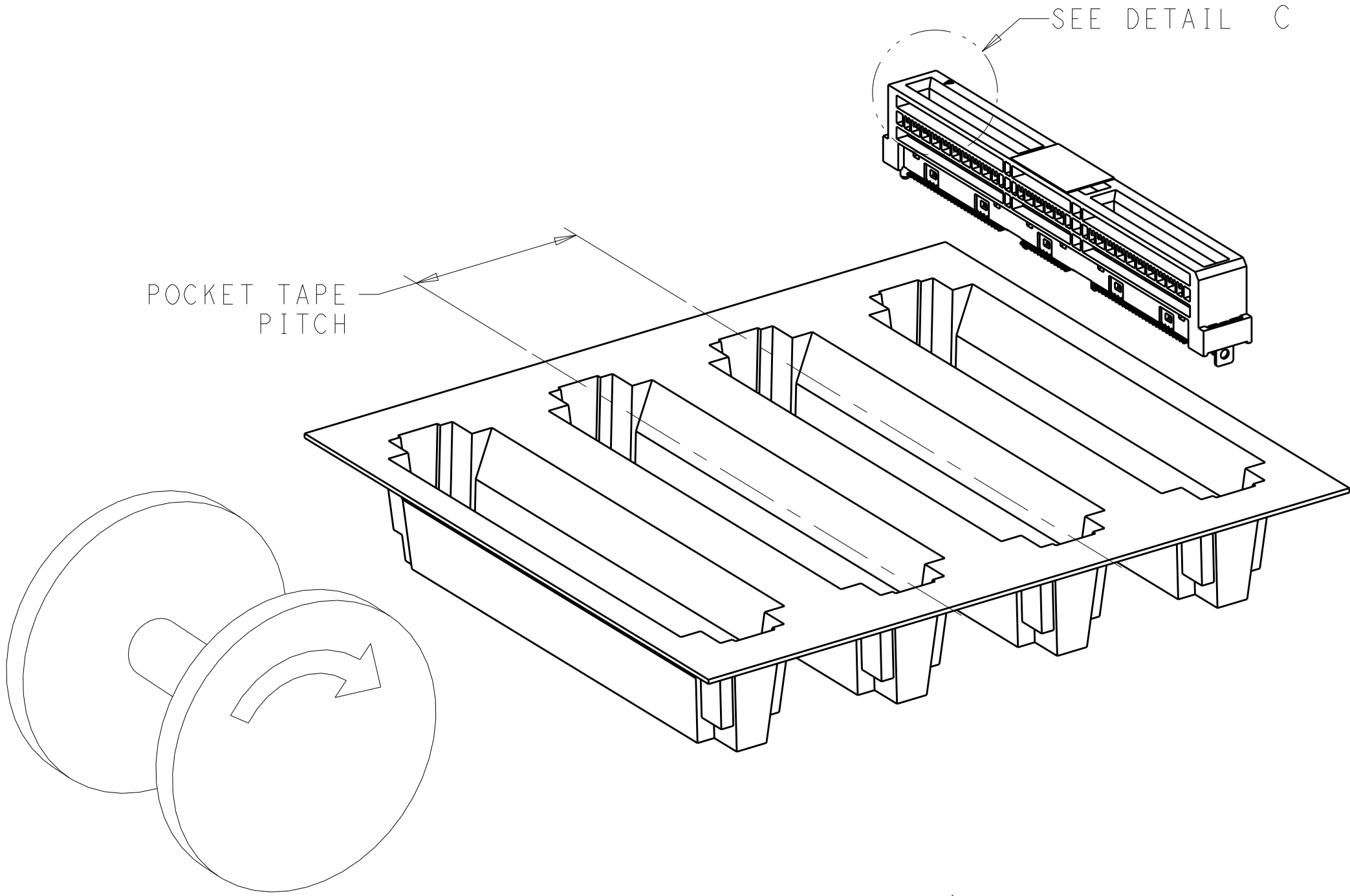
|                                                                                       |                                        |                                  |                                                                                                       |                                                            |              |       |
|---------------------------------------------------------------------------------------|----------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                        | DWN<br>C. VALENTINE<br>16JAN2018 |  TE Connectivity |                                                            |              |       |
| DIMENSIONS:                                                                           |                                        | CHK<br>D. HARMON<br>16JAN2018    |                                                                                                       |                                                            |              |       |
| mm                                                                                    | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>D. HARMON<br>16JAN2018   | NAME                                                                                                  | RECEPTACLE ASSEMBLY, VERTICAL,<br>140 POSITION, SLIVER 2.0 |              |       |
|  | 0 PLC ±                                | PRODUCT SPEC                     | SIZE                                                                                                  | CAGE CODE                                                  | DRAWING NO   |       |
|                                                                                       | 1 PLC ±                                | 108-130021                       |                                                                                                       |                                                            |              |       |
|                                                                                       | 2 PLC ±                                | APPLICATION SPEC                 |                                                                                                       |                                                            |              |       |
|                                                                                       | 3 PLC ±                                | 114-130008                       |                                                                                                       |                                                            |              |       |
|                                                                                       | 4 PLC ±                                | WEIGHT                           |                                                                                                       |                                                            |              |       |
| MATERIAL                                                                              | FINISH                                 | -                                | A1                                                                                                    | 00779                                                      | C-2327677    |       |
| CUSTOMER DRAWING                                                                      |                                        |                                  | SCALE                                                                                                 | 8:1                                                        | SHEET 3 OF 4 | REV A |

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

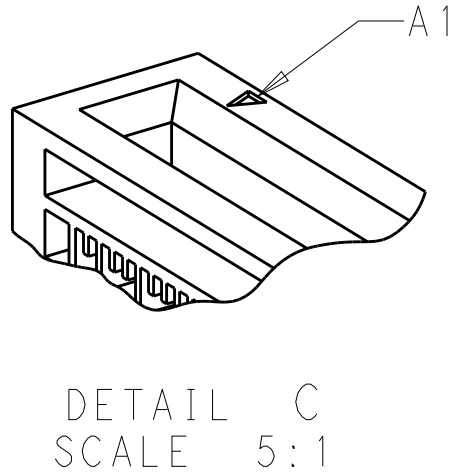
TABLE 1: CONNECTOR CONTACT IDENTIFICATION  

| CONTACT NUMBER | SIDE A | SIDE B |
|----------------|--------|--------|
| 1              | GROUND | GROUND |
| 2              | SIGNAL | SIGNAL |
| 3              | SIGNAL | SIGNAL |
| 4              | GROUND | GROUND |
| 5              | SIGNAL | SIGNAL |
| 6              | SIGNAL | SIGNAL |
| 7              | GROUND | GROUND |
| 8              | SIGNAL | SIGNAL |
| 9              | SIGNAL | SIGNAL |
| 10             | GROUND | GROUND |
| 11             | SIGNAL | SIGNAL |
| 12             | SIGNAL | SIGNAL |
| 13             | GROUND | GROUND |
| 14             | SIGNAL | SIGNAL |
| 15             | SIGNAL | SIGNAL |
| 16             | GROUND | GROUND |
| 17             | SIGNAL | SIGNAL |
| 18             | SIGNAL | SIGNAL |
| 19             | GROUND | GROUND |
| 20             | SIGNAL | SIGNAL |
| 21             | SIGNAL | SIGNAL |
| 22             | GROUND | GROUND |
| 23             | SIGNAL | SIGNAL |
| 24             | SIGNAL | SIGNAL |
| 25             | GROUND | GROUND |
| 26             | SIGNAL | SIGNAL |
| 27             | SIGNAL | SIGNAL |
| 28             | GROUND | GROUND |
| 29             | GROUND | GROUND |
| 30             | SIGNAL | SIGNAL |
| 31             | SIGNAL | SIGNAL |
| 32             | GROUND | GROUND |
| 33             | SIGNAL | SIGNAL |
| 34             | SIGNAL | SIGNAL |
| 35             | GROUND | GROUND |

| CONTACT NUMBER | SIDE A | SIDE B |
|----------------|--------|--------|
| 36             | SIGNAL | SIGNAL |
| 37             | SIGNAL | SIGNAL |
| 38             | GROUND | GROUND |
| 39             | SIGNAL | SIGNAL |
| 40             | SIGNAL | SIGNAL |
| 41             | GROUND | GROUND |
| 42             | GROUND | GROUND |
| 43             | GROUND | GROUND |
| 44             | SIGNAL | SIGNAL |
| 45             | SIGNAL | SIGNAL |
| 46             | GROUND | GROUND |
| 47             | SIGNAL | SIGNAL |
| 48             | SIGNAL | SIGNAL |
| 49             | GROUND | GROUND |
| 50             | SIGNAL | SIGNAL |
| 51             | SIGNAL | SIGNAL |
| 52             | GROUND | GROUND |
| 53             | SIGNAL | SIGNAL |
| 54             | SIGNAL | SIGNAL |
| 55             | GROUND | GROUND |
| 56             | SIGNAL | SIGNAL |
| 57             | SIGNAL | SIGNAL |
| 58             | GROUND | GROUND |
| 59             | SIGNAL | SIGNAL |
| 60             | SIGNAL | SIGNAL |
| 61             | GROUND | GROUND |
| 62             | SIGNAL | SIGNAL |
| 63             | SIGNAL | SIGNAL |
| 64             | GROUND | GROUND |
| 65             | SIGNAL | SIGNAL |
| 66             | SIGNAL | SIGNAL |
| 67             | GROUND | GROUND |
| 68             | SIGNAL | SIGNAL |
| 69             | SIGNAL | SIGNAL |
| 70             | GROUND | GROUND |



**FIGURE 1**   
DIRECTION OFF TOP OF REEL  
FOR USER UNREELING  
SHOWN AS 2327677-1 THRU 2327677-9  
SCALE 2:1

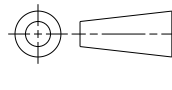


|         |            |               |                   |               |                     |               |             |
|---------|------------|---------------|-------------------|---------------|---------------------|---------------|-------------|
| 1.4 MAX | ENDS       | 0.76µm Au     | 24                | 250           | NO                  | 200           | 1-2327677-9 |
|         |            | 0.38µm Au     |                   |               |                     | 100           | 1-2327677-8 |
|         |            | FLASH Au/PdNi |                   |               |                     | 50            | 1-2327677-7 |
| 1.7 MIN | ENDS       | 0.76µm Au     | 24                | 250           | NO                  | 200           | 1-2327677-6 |
|         |            | 0.38µm Au     |                   |               |                     | 100           | 1-2327677-5 |
|         |            | FLASH Au/PdNi |                   |               |                     | 50            | 1-2327677-4 |
| 1.7 MIN | ALL        | 0.76µm Au     | 24                | 250           | NO                  | 200           | 1-2327677-3 |
|         |            | 0.38µm Au     |                   |               |                     | 100           | 1-2327677-2 |
|         |            | FLASH Au/PdNi |                   |               |                     | 50            | 1-2327677-1 |
| 1.4 MAX | ENDS       | 0.76µm Au     | 20                | 350           | YES                 | 200           | 2327677-9   |
|         |            | 0.38µm Au     |                   |               |                     | 100           | 2327677-8   |
|         |            | FLASH Au/PdNi |                   |               |                     | 50            | 2327677-7   |
| 1.7 MIN | ENDS       | 0.76µm Au     | 20                | 350           | YES                 | 200           | 2327677-6   |
|         |            | 0.38µm Au     |                   |               |                     | 100           | 2327677-5   |
|         |            | FLASH Au/PdNi |                   |               |                     | 50            | 2327677-4   |
| 1.7 MIN | ALL        | 0.76µm Au     | 20                | 350           | YES                 | 200           | 2327677-3   |
|         |            | 0.38µm Au     |                   |               |                     | 100           | 2327677-2   |
|         |            | FLASH Au/PdNi |                   |               |                     | 50            | 2327677-1   |
| A       | HOLD DOWNS | PLATING       | POCKET TAPE PITCH | REEL QUANTITY | PICK AND PLACE TAPE | MATING CYCLES | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±"

1 PLC ±"

2 PLC ±"

3 PLC ±"

4 PLC ±"

ANGLES ±"

FINISH

DWN C. VALENTINE 16JAN2018

CHK D. HARMON 16JAN2018

APVD D. HARMON 16JAN2018

PRODUCT SPEC 108-130021

APPLICATION SPEC 114-130008

WEIGHT -

CUSTOMER DRAWING

NAME RECEPTACLE ASSEMBLY, VERTICAL, 140 POSITION, SLIVER 2.0

SIZE A1

CAGE CODE 00779

DRAWING NO 2327677

RESTRICTED TO -

SCALE 8:1

SHEET 4 OF 4

REV A

 TE Connectivity

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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[www.lifeelectronics.ru](http://www.lifeelectronics.ru)