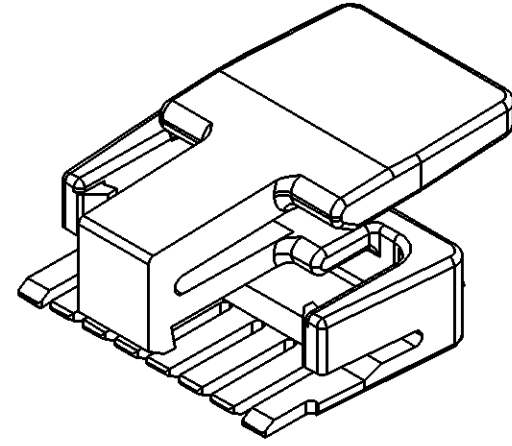
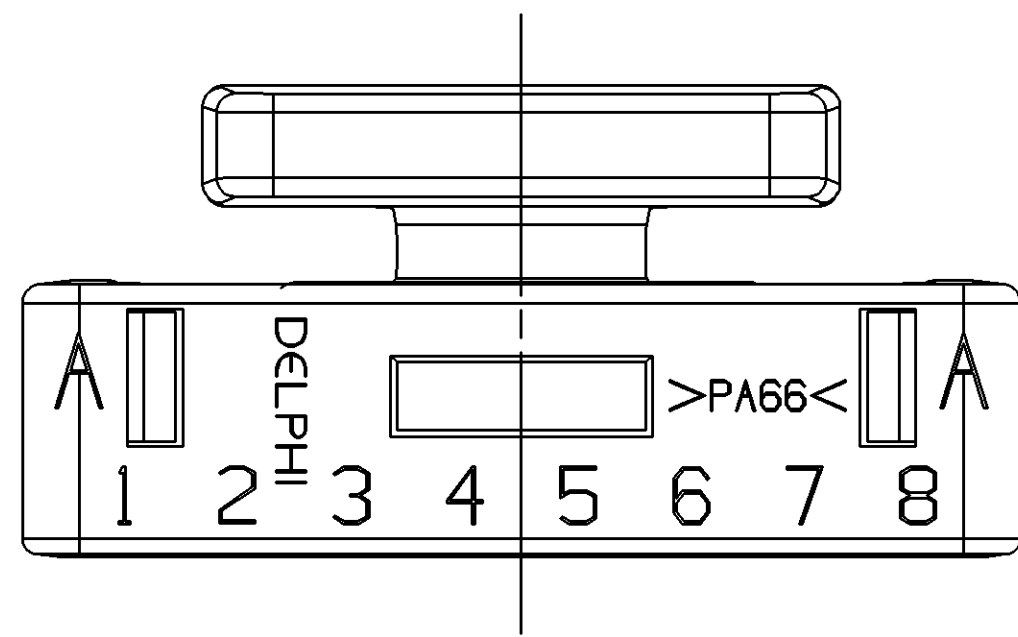
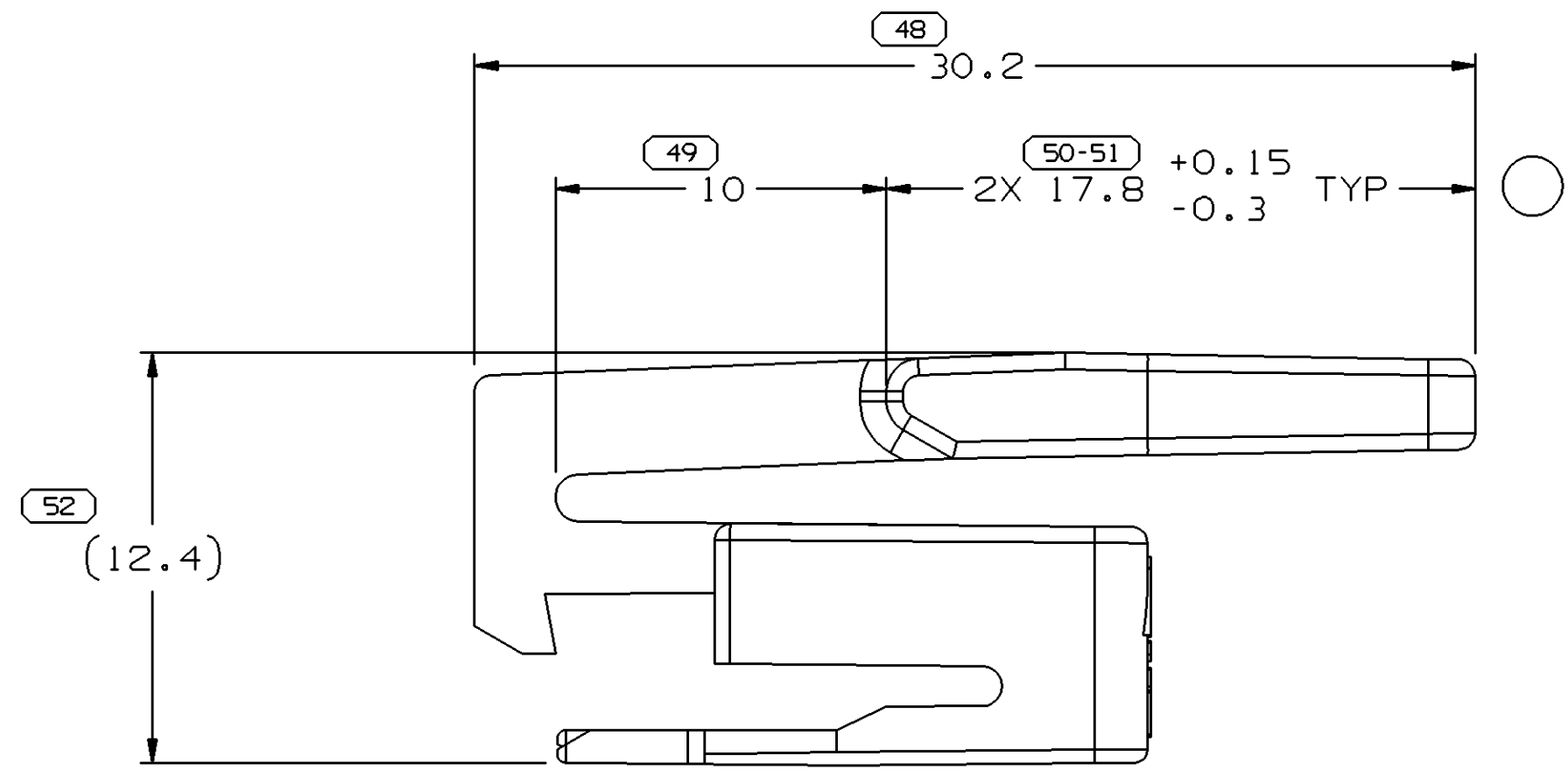
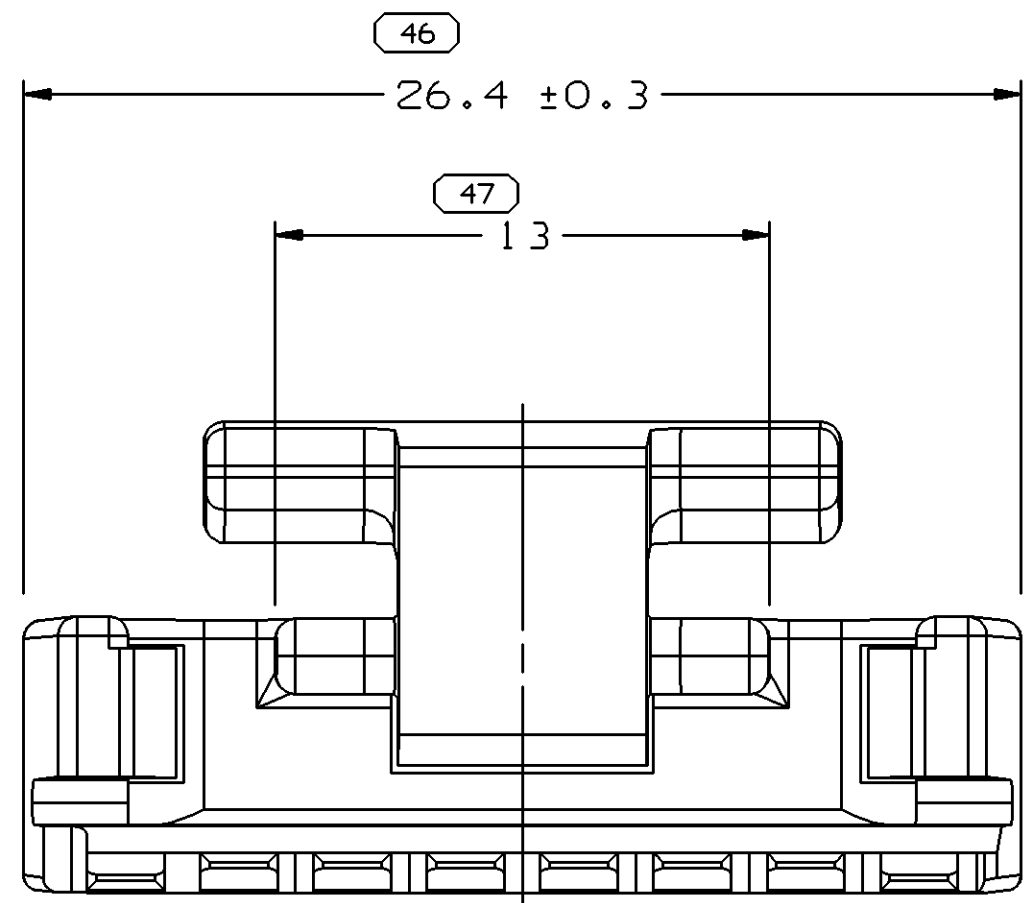
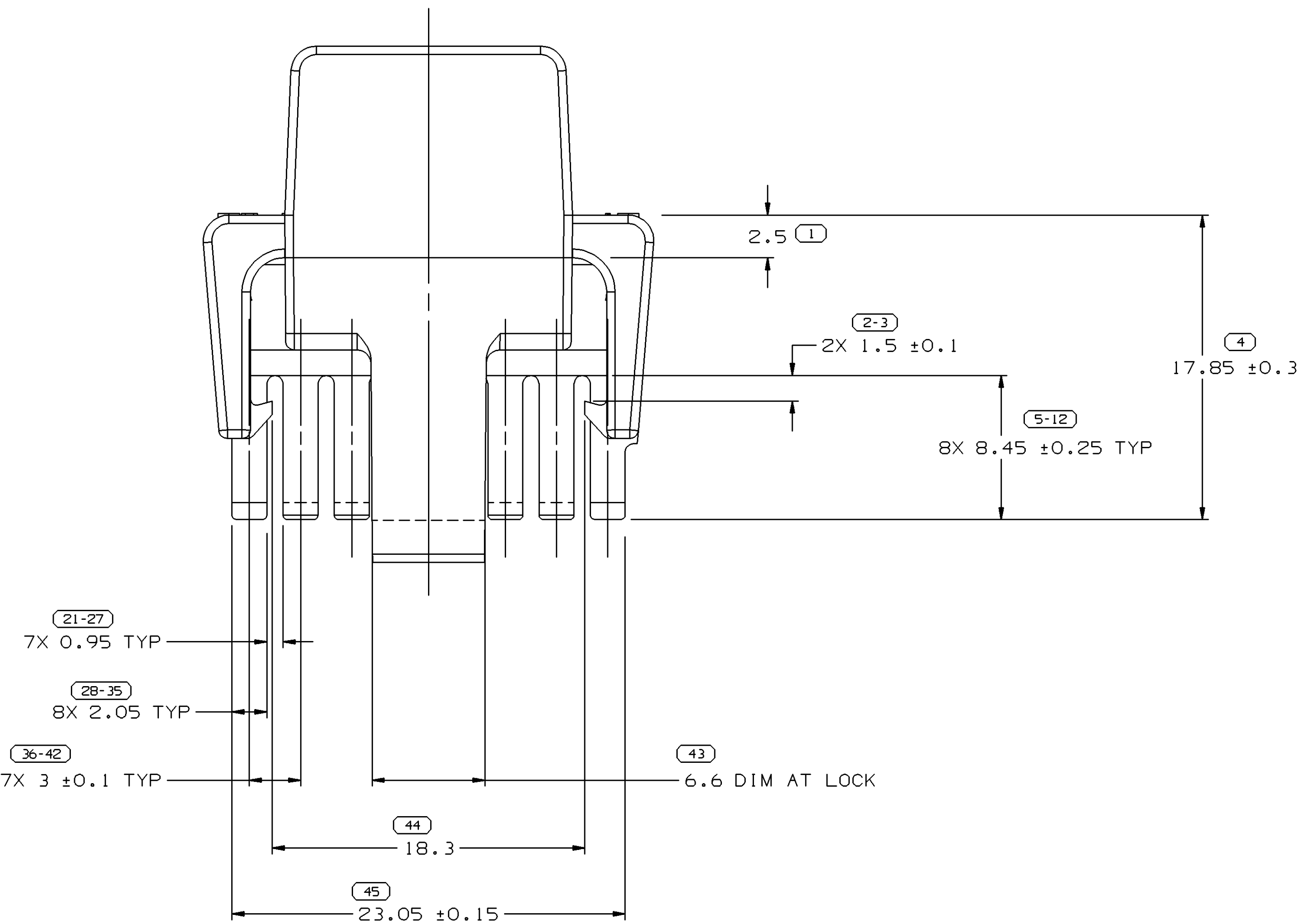


| SYMBOL DEFINITION                                                                                                                         |  | MISSING NUMBERS                 |  | DATE   |  |        |  | REV |  |     |  | ZONE |  |   |  | REVISION HISTORY                                      |  |  |  | AUTH   |  |  |  | DR      |  |  |  | APVD  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------|--|--------|--|--------|--|-----|--|-----|--|------|--|---|--|-------------------------------------------------------|--|--|--|--------|--|--|--|---------|--|--|--|-------|--|--|--|
| A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON AN INDIVIDUAL COMPONENT DRAWING. |  | TOTAL NO. OF SYMBOLS ON DRAWING |  | 13-20, |  | 06SE01 |  | R   |  | 004 |  | -    |  | - |  | REVISED MAT'L SPEC; ADDED NOTES AND ADDED DELPHI LOGO |  |  |  | 214229 |  |  |  | ESF     |  |  |  | APVD1 |  |  |  |
|                                                                                                                                           |  | LAST NO. USED                   |  | 52     |  | 18FE05 |  | R   |  | 05  |  | -    |  | - |  | REVISED LEAD-IN ON TIPS OF COMB FINGERS               |  |  |  | 265123 |  |  |  | ESH-JAA |  |  |  | RWR   |  |  |  |
|                                                                                                                                           |  |                                 |  |        |  | 20SE05 |  | R   |  | 05  |  | AA   |  | - |  | 2X 17.8 +0.15/-0.3 TYP WAS 2X 17.8 TYP                |  |  |  | 272763 |  |  |  | EES     |  |  |  | EES   |  |  |  |



VIEW SCALE DOES NOT REFLECT ACTUAL PART SIZE

#### NOTES

- UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:  
DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
- REFERENCE MATING COMPONENTS OR EQUIVALENT:  
CONNECTOR 12048346
- MATERIAL RECYCLING CODE PER ISO 11469, (0.8)X(0.095) CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE. OPTIONAL CONSTRUCTION TO BE NO MATERIAL RECYCLING CODE.
- (0.8)X(0.08) DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION TO BE "PED" OR NO LOGO.

| DIMENSIONAL RANGE (MM) |            | TOLERANCE UNLESS OTHERWISE SPECIFIED |        | CHART ET |        | THIRD ANGLE PROJECTION |        | DO NOT SCALE |        | USE MATH DATA |        |
|------------------------|------------|--------------------------------------|--------|----------|--------|------------------------|--------|--------------|--------|---------------|--------|
| FROM                   | TO         | 10.151                               | 10.151 | 10.151   | 10.151 | 10.151                 | 10.151 | 10.151       | 10.151 | 10.151        | 10.151 |
| 0                      | 20         | ±0.2                                 | ±0.3   | ±0.4     | ±0.5   | ±0.6                   | ±0.8   | ±1           | ±1.2   | ±1.5          | ±2.0   |
| 20                     | 30         | ±0.3                                 | ±0.4   | ±0.5     | ±0.6   | ±0.8                   | ±1     | ±1.2         | ±1.5   | ±2.0          | ±2.5   |
| 30                     | 40         | ±0.4                                 | ±0.5   | ±0.6     | ±0.8   | ±1                     | ±1.2   | ±1.5         | ±2.0   | ±2.5          | ±3.0   |
| 40                     | 50         | ±0.5                                 | ±0.6   | ±0.8     | ±1     | ±1.2                   | ±1.5   | ±2.0         | ±2.5   | ±3.0          | ±3.5   |
| 50                     | 60         | ±0.6                                 | ±0.8   | ±1       | ±1.2   | ±1.5                   | ±2.0   | ±2.5         | ±3.0   | ±3.5          | ±4.0   |
| 60                     | 70         | ±0.8                                 | ±1     | ±1.2     | ±1.5   | ±2.0                   | ±2.5   | ±3.0         | ±3.5   | ±4.0          | ±4.5   |
| 70                     | 80         | ±1                                   | ±1.2   | ±1.5     | ±2.0   | ±2.5                   | ±3.0   | ±3.5         | ±4.0   | ±4.5          | ±5.0   |
| 80                     | 90         | ±1.2                                 | ±1.5   | ±2.0     | ±2.5   | ±3.0                   | ±3.5   | ±4.0         | ±4.5   | ±5.0          | ±5.5   |
| 90                     | 100        | ±1.5                                 | ±2.0   | ±2.5     | ±3.0   | ±3.5                   | ±4.0   | ±4.5         | ±5.0   | ±5.5          | ±6.0   |
| 100                    | 150        | ±2                                   | ±2.5   | ±3       | ±3.5   | ±4                     | ±4.5   | ±5           | ±5.5   | ±6            | ±6.5   |
| 150                    | 200        | ±2.5                                 | ±3     | ±3.5     | ±4     | ±4.5                   | ±5     | ±5.5         | ±6     | ±6.5          | ±7     |
| 200                    | 250        | ±3                                   | ±3.5   | ±4       | ±4.5   | ±5                     | ±5.5   | ±6           | ±6.5   | ±7            | ±7.5   |
| 250                    | 300        | ±3.5                                 | ±4     | ±4.5     | ±5     | ±5.5                   | ±6     | ±6.5         | ±7     | ±7.5          | ±8     |
| 300                    | 400        | ±4                                   | ±4.5   | ±5       | ±5.5   | ±6                     | ±6.5   | ±7           | ±7.5   | ±8            | ±9     |
| 400                    | 500        | ±4.5                                 | ±5     | ±5.5     | ±6     | ±6.5                   | ±7     | ±7.5         | ±8     | ±9            | ±10    |
| 500                    | 600        | ±5                                   | ±5.5   | ±6       | ±6.5   | ±7                     | ±7.5   | ±8           | ±9     | ±10           | ±11    |
| 600                    | 700        | ±5.5                                 | ±6     | ±6.5     | ±7     | ±7.5                   | ±8     | ±9           | ±10    | ±11           | ±12    |
| 700                    | 800        | ±6                                   | ±6.5   | ±7       | ±7.5   | ±8                     | ±9     | ±10          | ±11    | ±12           | ±13    |
| 800                    | 900        | ±6.5                                 | ±7     | ±7.5     | ±8     | ±9                     | ±10    | ±11          | ±12    | ±13           | ±14    |
| 900                    | 1000       | ±7                                   | ±7.5   | ±8       | ±9     | ±10                    | ±11    | ±12          | ±13    | ±14           | ±15    |
| 1000                   | 1500       | ±8                                   | ±8.5   | ±9       | ±10    | ±11                    | ±12    | ±13          | ±14    | ±15           | ±16    |
| 1500                   | 2000       | ±9                                   | ±9.5   | ±10      | ±11    | ±12                    | ±13    | ±14          | ±15    | ±16           | ±17    |
| 2000                   | 2500       | ±10                                  | ±10.5  | ±11      | ±12    | ±13                    | ±14    | ±15          | ±16    | ±17           | ±18    |
| 2500                   | 3000       | ±11                                  | ±11.5  | ±12      | ±13    | ±14                    | ±15    | ±16          | ±17    | ±18           | ±19    |
| 3000                   | 4000       | ±12                                  | ±12.5  | ±13      | ±14    | ±15                    | ±16    | ±17          | ±18    | ±19           | ±20    |
| 4000                   | 5000       | ±13                                  | ±13.5  | ±14      | ±15    | ±16                    | ±17    | ±18          | ±19    | ±20           | ±21    |
| 5000                   | 6000       | ±14                                  | ±14.5  | ±15      | ±16    | ±17                    | ±18    | ±19          | ±20    | ±21           | ±22    |
| 6000                   | 7000       | ±15                                  | ±15.5  | ±16      | ±17    | ±18                    | ±19    | ±20          | ±21    | ±22           | ±23    |
| 7000                   | 8000       | ±16                                  | ±16.5  | ±17      | ±18    | ±19                    | ±20    | ±21          | ±22    | ±23           | ±24    |
| 8000                   | 9000       | ±17                                  | ±17.5  | ±18      | ±19    | ±20                    | ±21    | ±22          | ±23    | ±24           | ±25    |
| 9000                   | 10000      | ±18                                  | ±18.5  | ±19      | ±20    | ±21                    | ±22    | ±23          | ±24    | ±25           | ±26    |
| 10000                  | 15000      | ±19                                  | ±19.5  | ±20      | ±21    | ±22                    | ±23    | ±24          | ±25    | ±26           | ±27    |
| 15000                  | 20000      | ±20                                  | ±20.5  | ±21      | ±22    | ±23                    | ±24    | ±25          | ±26    | ±27           | ±28    |
| 20000                  | 25000      | ±21                                  | ±21.5  | ±22      | ±23    | ±24                    | ±25    | ±26          | ±27    | ±28           | ±29    |
| 25000                  | 30000      | ±22                                  | ±22.5  | ±23      | ±24    | ±25                    | ±26    | ±27          | ±28    | ±29           | ±30    |
| 30000                  | 40000      | ±23                                  | ±23.5  | ±24      | ±25    | ±26                    | ±27    | ±28          | ±29    | ±30           | ±31    |
| 40000                  | 50000      | ±24                                  | ±24.5  | ±25      | ±26    | ±27                    | ±28    | ±29          | ±30    | ±31           | ±32    |
| 50000                  | 60000      | ±25                                  | ±25.5  | ±26      | ±27    | ±28                    | ±29    | ±30          | ±31    | ±32           | ±33    |
| 60000                  | 70000      | ±26                                  | ±26.5  | ±27      | ±28    | ±29                    | ±30    | ±31          | ±32    | ±33           | ±34    |
| 70000                  | 80000      | ±27                                  | ±27.5  | ±28      | ±29    | ±30                    | ±31    | ±32          | ±33    | ±34           | ±35    |
| 80000                  | 90000      | ±28                                  | ±28.5  | ±29      | ±30    | ±31                    | ±32    | ±33          | ±34    | ±35           | ±36    |
| 90000                  | 100000     | ±29                                  | ±29.5  | ±30      | ±31    | ±32                    | ±33    | ±34          | ±35    | ±36           | ±37    |
| 100000                 | 150000     | ±30                                  | ±30.5  | ±31      | ±32    | ±33                    | ±34    | ±35          | ±36    | ±37           | ±38    |
| 150000                 | 200000     | ±31                                  | ±31.5  | ±32      | ±33    | ±34                    | ±35    | ±36          | ±37    | ±38           | ±39    |
| 200000                 | 250000     | ±32                                  | ±32.5  | ±33      | ±34    | ±35                    | ±36    | ±37          | ±38    | ±39           | ±40    |
| 250000                 | 300000     | ±33                                  | ±33.5  | ±34      | ±35    | ±36                    | ±37    | ±38          | ±39    | ±40           | ±41    |
| 300000                 | 400000     | ±34                                  | ±34.5  | ±35      | ±36    | ±37                    | ±38    | ±39          | ±40    | ±41           | ±42    |
| 400000                 | 500000     | ±35                                  | ±35.5  | ±36      | ±37    | ±38                    | ±39    | ±40          | ±41    | ±42           | ±43    |
| 500000                 | 600000     | ±36                                  | ±36.5  | ±37      | ±38    | ±39                    | ±40    | ±41          | ±42    | ±43           | ±44    |
| 600000                 | 700000     | ±37                                  | ±37.5  | ±38      | ±39    | ±40                    | ±41    | ±42          | ±43    | ±44           | ±45    |
| 700000                 | 800000     | ±38                                  | ±38.5  | ±39      | ±40    | ±41                    | ±42    | ±43          | ±44    | ±45           | ±46    |
| 800000                 | 900000     | ±39                                  | ±39.5  | ±40      | ±41    | ±42                    | ±43    | ±44          | ±45    | ±46           | ±47    |
| 900000                 | 1000000    | ±40                                  | ±40.5  | ±41      | ±42    | ±43                    | ±44    | ±45          | ±46    | ±47           | ±48    |
| 1000000                | 1500000    | ±41                                  | ±41.5  | ±42      | ±43    | ±44                    | ±45    | ±46          | ±47    | ±48           | ±49    |
| 1500000                | 2000000    | ±42                                  | ±42.5  | ±43      | ±44    | ±45                    | ±46    | ±47          | ±48    | ±49           | ±50    |
| 2000000                | 2500000    | ±43                                  | ±43.5  | ±44      | ±45    | ±46                    | ±47    | ±48          | ±49    | ±50           | ±51    |
| 2500000                | 3000000    | ±44                                  | ±44.5  | ±45      | ±46    | ±47                    | ±48    | ±49          | ±50    | ±51           | ±52    |
| 3000000                | 4000000    | ±45                                  | ±45.5  | ±46      | ±47    | ±48                    | ±49    | ±50          | ±51    | ±52           | ±53    |
| 4000000                | 5000000    | ±46                                  | ±46.5  | ±47      | ±48    | ±49                    | ±50    | ±51          | ±52    | ±53           | ±54    |
| 5000000                | 6000000    | ±47                                  | ±47.5  | ±48      | ±49    | ±50                    | ±51    | ±52          | ±53    | ±54           | ±55    |
| 6000000                | 7000000    | ±48                                  | ±48.5  | ±49      | ±50    | ±51                    | ±52    | ±53          | ±54    | ±55           | ±56    |
| 7000000                | 8000000    | ±49                                  | ±49.5  | ±50      | ±51    | ±52                    | ±53    | ±54          | ±55    | ±56           | ±57    |
| 8000000                | 9000000    | ±50                                  | ±50.5  | ±51      | ±52    | ±53                    | ±54    | ±55          | ±56    | ±57           | ±58    |
| 9000000                | 10000000   | ±51                                  | ±51.5  | ±52      | ±53    | ±54                    | ±55    | ±56          | ±57    | ±58           | ±59    |
| 10000000               | 15000000   | ±52                                  | ±52.5  | ±53      | ±54    | ±55                    | ±56    | ±57          | ±58    | ±59           | ±60    |
| 15000000               | 20000000   | ±53                                  | ±53.5  | ±54      | ±55    | ±56                    | ±57    | ±58          | ±59    | ±60           | ±61    |
| 20000000               | 25000000   | ±54                                  | ±54.5  | ±55      | ±56    | ±57                    | ±58    | ±59          | ±60    | ±61           | ±62    |
| 25000000               | 30000000   | ±55                                  | ±55.5  | ±56      | ±57    | ±58                    | ±59    | ±60          | ±61    | ±62           | ±63    |
| 30000000               | 40000000   | ±56                                  | ±56.5  | ±57      | ±58    | ±59                    | ±60    | ±61          | ±62    | ±63           | ±64    |
| 40000000               | 50000000   | ±57                                  | ±57.5  | ±58      | ±59    | ±60                    | ±61    | ±62          | ±63    | ±64           | ±65    |
| 50000000               | 60000000   | ±58                                  | ±58.5  | ±59      | ±60    | ±61                    | ±62    | ±63          | ±64    | ±65           | ±66    |
| 60000000               | 70000000   | ±59                                  | ±59.5  | ±60      | ±61    | ±62                    | ±63    | ±64          | ±65    | ±66           | ±67    |
| 70000000               | 80000000   | ±60                                  | ±60.5  | ±61      | ±62    | ±63                    | ±64    | ±65          | ±66    | ±67           | ±68    |
| 80000000               | 90000000   | ±61                                  | ±61.5  | ±62      | ±63    | ±64                    | ±65    | ±66          | ±67    | ±68           | ±69    |
| 90000000               | 100000000  | ±62                                  | ±62.5  | ±63      | ±64    | ±65                    | ±66    | ±67          | ±68    | ±69           | ±70    |
| 100000000              | 150000000  | ±63                                  | ±63.5  | ±64      | ±65    | ±66                    | ±67    | ±68          | ±69    | ±70           | ±71    |
| 150000000              | 200000000  | ±64                                  | ±64.5  | ±65      | ±66    | ±67                    | ±68    | ±69          | ±70    | ±71           | ±72    |
| 200000000              | 250000000  | ±65                                  | ±65.5  | ±66      | ±67    | ±68                    | ±69    | ±70          | ±71    | ±72           | ±73    |
| 250000000              | 300000000  | ±66                                  | ±66.5  | ±67      | ±68    | ±69                    | ±70    | ±71          | ±72    | ±73           | ±74    |
| 300000000              | 400000000  | ±67                                  | ±67.5  | ±68      | ±69    | ±70                    | ±71    | ±72          | ±73    | ±74           | ±75    |
| 400000000              | 500000000  | ±68                                  | ±68.5  | ±69      | ±70    | ±71                    | ±72    | ±73          | ±74    | ±75           | ±76    |
| 500000000              | 600000000  | ±69                                  | ±69.5  | ±70      | ±71    | ±72                    | ±73    | ±74          | ±75    | ±76           | ±77    |
| 600000000              | 700000000  | ±70                                  | ±70.5  | ±71      | ±72    | ±73                    | ±74    | ±75          | ±76    | ±77           | ±78    |
| 700000000              | 800000000  | ±71                                  | ±71.5  | ±72      | ±73    | ±74                    | ±75    | ±76          | ±77    | ±78           | ±79    |
| 800000000              | 900000000  | ±72                                  | ±72.5  | ±73      | ±74    | ±75                    | ±76    | ±77          | ±78    | ±79           | ±80    |
| 900000000              | 1000000000 | ±73                                  | ±73.5  | ±74      | ±75    | ±76                    | ±77    | ±78          | ±79    | ±80           | ±81    |
| 1000000000             | 1500000000 | ±74                                  | ±74.5  | ±75      | ±76    | ±77                    | ±78    | ±79          | ±80    | ±81           | ±82    |
| 1500000000             | 2000000000 | ±75                                  | ±75.5  | ±76      | ±77    | ±78                    | ±79    | ±80          | ±81    | ±82           | ±83    |
| 2000000000             | 2500000000 | ±76                                  | ±76.5  | ±77      | ±78    | ±79                    | ±80    | ±81          | ±82    | ±83           | ±84    |
| 2500000000             | 3000000000 | ±77                                  | ±77.5  | ±78      | ±79    | ±80                    | ±81    | ±82          | ±83    | ±84           | ±85    |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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