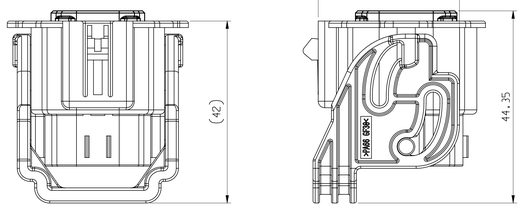
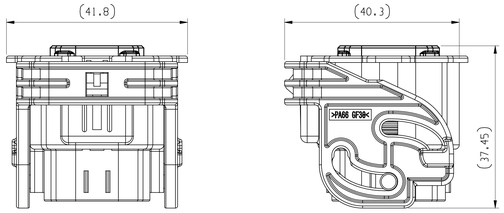
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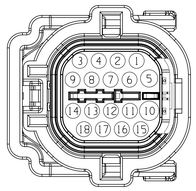



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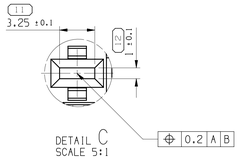


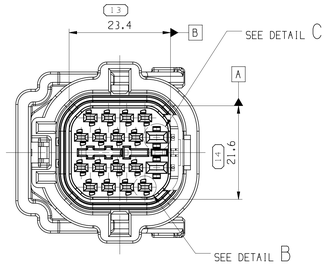


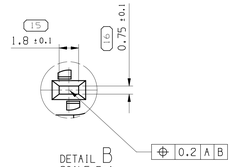

ISOMETRIC VIEW
SCALE 1:1

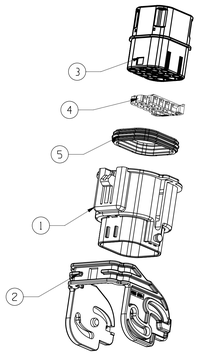



SYMBOL

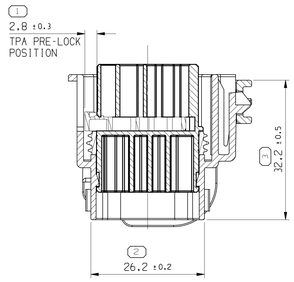


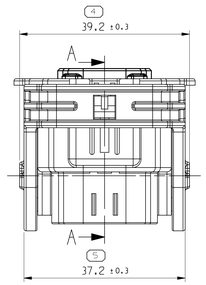



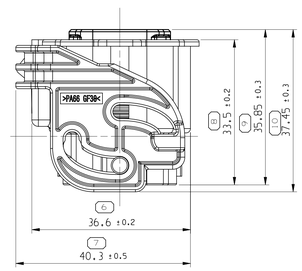



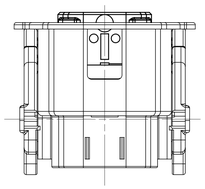

EXPLODED VIEW
SCALE 1:1

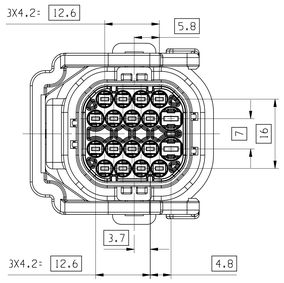



SECTION A - A






| ASSOCIATED PARTS | | | | | | | |
|---|---|---|---|---|---|---|---|
| FEMALE TERMINALS | | PART NUMBER | WIRE SIZE (mm^2) | TYPE | PART NUMBER | WIRE SIZE (mm^2) | TYPE |
| DCK 1.5 | Sn PLATED | | 0.20-0.35 | 0.6x1.5 | F327200 | 0.20-0.35 | 0.6x1.5 |
| DCK 1.5 | Au PLATED | | | 0.6x1.5 | F427200 | | 0.6x1.5 |
| DCK 1.5 | Sn PLATED | | 0.50-1.00 | 0.6x1.5 | 6 000 20 31 | 0.50-1.00 | 0.6x1.5 |
| DCK 1.5 | Au PLATED | | | 0.6x1.5 | 6 000 20 34 | | 0.6x1.5 |
| DCK 1.5 | Sn PLATED | | 1.25 | 0.6x1.5 | 6 000 20 41 | 1.25 | 0.6x1.5 |
| DCK 2.8 | Sn PLATED | | 1.25 | 0.8x2.8 | 6 001 37 41 | 1.25 | 0.8x2.8 |
| DCK 2.8 | Sn PLATED | | 0.50-1.00 | 0.8x2.8 | 6 001 37 31 | 0.50-1.00 | 0.8x2.8 |
| LONG VERSION ⑦ | | | | | | | |
| DCK 1.5mm SWS (red) | | | 0.3 ~ 0.35 | Insul' Ø1.2~1.5mm | F310400 | 0.3 ~ 0.35 | Insul' Ø1.2~1.5mm |
| DCK 1.5mm SWS (grey) | | | 0.5 ~ 0.85 | Insul' Ø1.6~1.9mm | F410400 | 0.5 ~ 0.85 | Insul' Ø1.6~1.9mm |
| DCK 1.5mm SWS (yellow) | | | 1.0 ~ 1.5 | Insul' Ø2.0~2.4mm | F599700 | 1.0 ~ 1.5 | Insul' Ø2.0~2.4mm |
| DCK 2.8mm SWS (blue) | | | 0.5 ~ 0.85 | Insul' Ø1.6~1.9mm | F510400 | 0.5 ~ 0.85 | Insul' Ø1.6~1.9mm |
| DCK 2.8mm SWS (red) | | | 1.0 ~ 1.5 | Insul' Ø2.0~2.7mm | F610400 | 1.0 ~ 1.5 | Insul' Ø2.0~2.7mm |
| SHORT VERSION ⑦ | | | | | | | |
| DCK 1.5mm SWS (red) | | | 0.3 ~ 0.35 | Insul' Ø1.2~1.5mm | 6 099 39 13 | 0.3 ~ 0.35 | Insul' Ø1.2~1.5mm |
| DCK 1.5mm SWS (grey) | | | 0.5 ~ 0.85 | Insul' Ø1.6~1.9mm | 6 099 39 28 | 0.5 ~ 0.85 | Insul' Ø1.6~1.9mm |
| DCK 1.5mm SWS (grey) | | 15327918 | 0.5 ~ 1.0 | Insul' Ø1.2~2.0mm | | 0.5 ~ 1.0 | Insul' Ø1.2~2.0mm |
| DCK 1.5mm SWS (yellow) | | | 1.0 ~ 1.5 | Insul' Ø2.0~2.4mm | 6 099 39 34 | 1.0 ~ 1.5 | Insul' Ø2.0~2.4mm |
| DCK 2.8mm SWS (blue) | | | 0.2 ~ 0.85 | Insul' Ø1.2~1.9mm | 6 099 40 15 | 0.2 ~ 0.85 | Insul' Ø1.2~1.9mm |
| DCK 2.8mm SWS (red/brown) | | | 1.0 ~ 1.5 | Insul' Ø2.0~2.7mm | 6 099 40 23 | 1.0 ~ 1.5 | Insul' Ø2.0~2.7mm |
| CAVITY PLUG for DCK1.5 TERM'L | | 33402443 | CAVITY PLUG for DCK1.5mm TERM'L | | | CAVITY PLUG for DCK1.5mm TERM'L | |
| CAVITY PLUG for DCK2.8 TERM'L | | 33282443 | CAVITY PLUG for DCK2.8mm TERM'L | | | CAVITY PLUG for DCK2.8mm TERM'L | |
| 16 DESCRIPTION | | 15 DELPHI P/N | 14 | FCI PART NUMBER | | 12 | CUSTOMER PART NUMBER |

NOTES

1. NOT SPECIFIED TOLERANCE : ISO 2768(M)
2. MUST BE FREE OF CRACK,FLOW MARK,FLASH,BURR ETC
   THAT AFFECT FUNCTION OF PRODUCT
3. REGARDING CUSTOMER MARK AND FCI MARK,DISCUSS LATER
4. THIS PRODUCT MUST MEET HMC SPEC ES91500-00
5. UNLESS OTHERWISE SPECIFIED TO VENDOR SPECIFICATION.
6. APPLICABLE MALE CONNECTOR :902898-00, F941210, 33197249

⑦. SWS VERSION : REFER TO THE APPLICATION SPEC.

| DIN ISO 2768 | Tolerance Class medium (m) | | | | | | |
|---|---|---|---|---|---|---|---|
| Linear Dimensions except for broken edges | Permissible deviations for basic size range (mm) | | | | | | |
| | 0.5 *) up to 3 | over 3 up to 6 | over 6 up to 30 | over 30 up to 120 | over 120 up to 400 | over 400 up to 1000 | over 1000 up to 2000 |
| | ±0.1 | ±0.1 | ±0.2 | ±0.3 | ±0.5 | ±0.8 | ±1.2 |
| Broken edges (radii, chamfers) | Permissible deviations for basic size range (mm) | | | | | | |
| | 0.5 *) up to 3 | | over 3 up to 6 | | over 6 | | |
| | ±0.2 | | ±0.5 | | ±1 | | |
| | Permissible deviations for ranges of lengths, in mm, of the shorter side of the angle concerned | | | | | | |
| Angular dimensions | up to 10 | over 10 up to 50 | over 50 up to 120 | | over 120 up to 400 | | over 400 |
| | ±1° | ±0° 30' | ±0° 20' | | ±0° 10' | | ±0° 5' |

*) For nominal sizes below 0.5mm, the deviations shall be indicated adjacent to the relevant nominal size(s).

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 | 1 | 102577-00 | INNER SEAL | SILICON RUBBER | RED | |
| 4 | 1 | 502916-00 | TPA | PBT GF15 | NATURAL | |
| 3 | 1 | 502915-00 | INNER HOUSING | PBT GF30 | BLACK | |
| 2 | 1 | 33301643 | LEVER | PA66 GF30 | GRAY | |
| 1 | 1 | 502917-00 | OUTER HOUSING | PBT GF15 | BLACK | |
| REP. | QTY. | PART NUMBER | DESCRIPTION | MATERIAL | COLOR | REMARK |
| PART NUMBER | | 33301642 | DESCRIPTION | 18WAY FEMALE CONNECTOR ASSY | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 5 | 1 | 102577-00 | INNER SEAL | SILICON RUBBER | RED | |
| 4 | 1 | 502916-00 | TPA | PBT GF15 | NATURAL | |
| 3 | 1 | 502915-00 | INNER HOUSING | PBT GF30 | BLACK | |
| 2 | 1 | 502918-00 | LEVER | PA66 GF30 | BLACK | |
| 1 | 1 | 502917-00 | OUTER HOUSING | PBT GF15 | BLACK | |
| REP. | QTY. | PART NUMBER | DESCRIPTION | MATERIAL | COLOR | REMARK |
| PART NUMBER | | 903079-00 | DESCRIPTION | 18WAY FEMALE CONNECTOR ASSY | | |

| SYMBOL DEFINITION | | |
|---|---|---|
| A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING. | TOTAL NO OF INSPECTIONS REQUIRED | 16 |
| | LAST NO. USED | 16 |

| MISSING SYMBOLS |
|---|
| NO MISSING SYMBOL NUMBER |

| DWG STATUS | | | | | ZONE | REVISION HISTORY | AUTH | DR | APVD 1 | APVD 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE | STG | REV | N/P | CHG | | | | | | |
| 12JA16 | R | 01 | - | - | | PD16-006<br>ADDITIONAL SPECIFICATIONS :<br>- LEVER GRAY COLOR<br>PART NUMBER MISSING :<br>- ADD TO DUMMY SEAL | | CSW | - | PJH |

A ~~~~ LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT DELPHI SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE:

VOLUME (CM³):

DISTR CODE:

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE:

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

DELPHI
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
Chennai, India

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| | | DATE |
|---|---|---|
| DR | | |
| APVD1 | CHOI,SEUNG-WON | 25NOV15 |
| APVD2 | PARK,JOO-HYUN | 25NOV15 |
| APVD3 | | |
| APVD4 | | |
| APVD5 | | |

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 1094901

MATERIAL: SEE CHART

DRAWING NAME: 18 WAY FEMALE ASSEMBLY

DRAWING NUMBER: 33301641

| SIZE | SCALE | FRAME NO | SHEET NO | STG | REV | N/P |
|---|---|---|---|---|---|---|
| A0 | 2:1 | 1 OF 1 | 1 OF 1 | R | 01 | - |