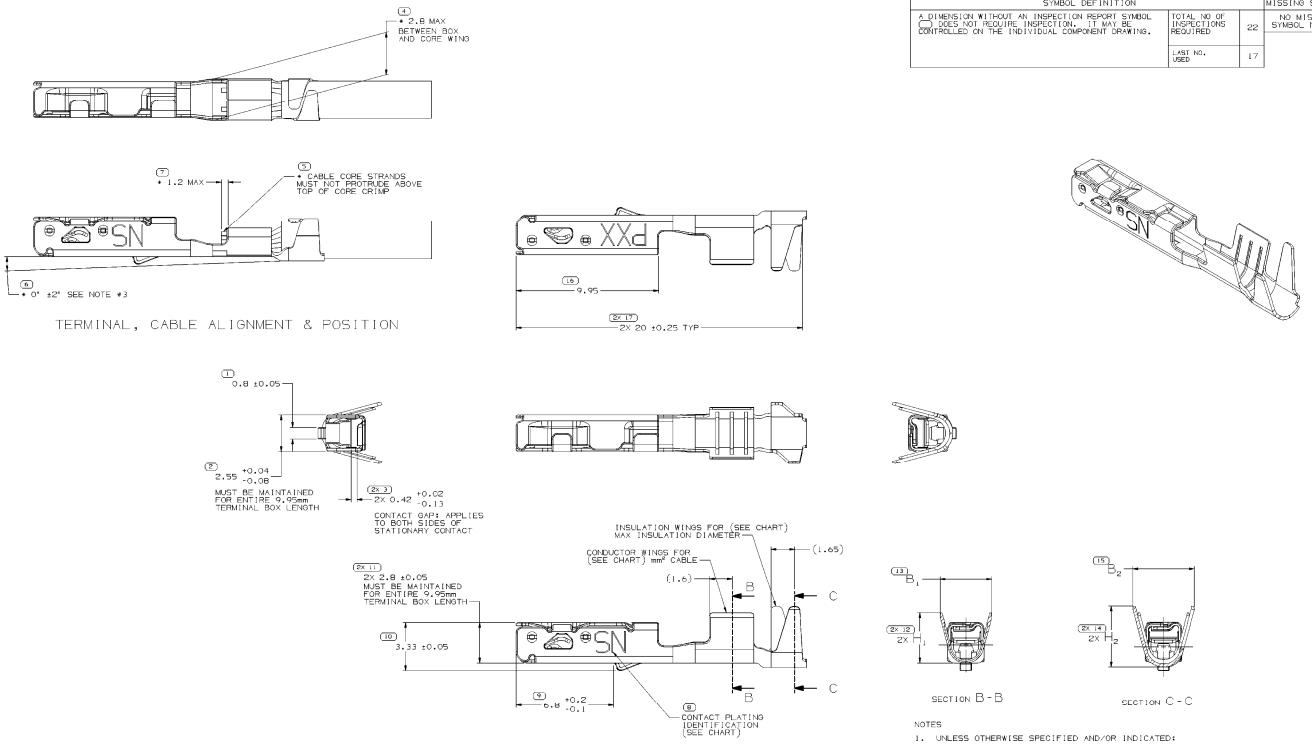
| SYMBOL DEFINITION | | |
|---|---|---|
| A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING. | TOTAL NO OF INSPECTIONS REQUIRED | 22 |
| | LAST NO. USED | 17 |

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

| DWG STATUS | | | | | ZONE | REVISION HISTORY | AUTH | DR | APVD | APVD |
|---|---|---|---|---|---|---|---|---|---|---|
| DATE | STS | REC | N/P | DIB | | | | | 1 | 2 |
| 10APL7 | R | 01 | - | - | | ALL PARTS - RELEASED PART DRAWING | 434477 | KYT | KYT | RSS |
| 08JUN17 | R | 02 | - | - | | ALL PARTS - UPDATED PART AVAILABILITY | 437113 | JVR | JVR | RSS |




NOTES

1. 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.

2. RECOMMENDED MATING BLADE THICKNESS 0.8 +0.04/-0.03mm
   RECOMMENDED MATING BLADE WIDTH NOT TO EXCEED 1.5mm AND NO LESS THAN 1.1mm. SEE USCAR EWCAP-001 (1.5 BLADE) FOR MATING AREA REQUIREMENTS.

3. PLUS ANGLE IS WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE AGAINST THE BOX BOTTOM SURFACE.

4. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 R5 SECTION 5.3.3 IS 22 AMPS WITH 2.0mm² COPPER CABLE.

5. * DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE

6. THIS TERMINAL CAN BE USED WITH USCAR CAVITY STANDARD EWCAP-002

7. MAXIMUM INSULATION CRIMP WIDTH OF 2.9mm AND HEIGHT OF 3.4mm FOR CABLE SIZE UP TO 2.7mm O.D.

8. PLATING TYPE:

   1. REFLOW TIN 1.9 - 3.3 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.13 - 0.5 MICROMETERS THICK.

   PLATING TYPE INFORMATION SHOWN ABOVE IS REFERENCE ONLY. PLATING REQUIREMENTS ARE CONTAINED IN APPLICABLE MATERIAL SPECIFICATION.

9. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GMW3191 DEC 2007 AND SAE/USCAR-2 R5 REVISIONS FOR THE FOLLOWING CLASSIFICATIONS:
   TEMPERATURE CLASS 3 (-40°C TO +125°C)
   VIBRATION CLASS 1 (ON BODY OR CHASSIS)
   SEALING CLASS 1 (UNSEALED) FOR GAGE I.D. 25 & 14
   SEALING CLASS 2 & 3 (SEALED CONNECTOR DEPENDENT) FOR GAGE I.D. 21 &17

10. DO NOT PROBE, TEST OR OTHERWISE CONTACT THE INTERIOR REGION (THE SPRING OR ANY MOVING PART) OF THIS TERMINAL. SEVERE DAMAGE CAN OCCUR, COMPROMISING THE PERFORMANCE OF THE ELECTRICAL INTERFACE.

| PART NO | REV | N/P | MATERIAL DESCRIPTION | | | | CONTACT PLATING I.D. | MATERIAL THICKNESS | I.D. | CABLE SIZE (mm²) | CABLE DIAMETER $B_1$ ±0.15 | $B_2$ ±0.25 | $(H_1)$ | $(H_2)$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35031565 | 01 | AA | COPPER ALLOY | | | SN | | 0.22 | 14 | 1.5 - 2 | 2 - 2.8 | 3.6 | 4.3 | 3.5 | 4.2 |
| 35031566 | 01 | AA | COPPER ALLOY | | | SN | | 0.22 | 17 | 0.75 - 1 | 1.7 - 2.14 | 2.3 | 3.6 | 2.6 | 3.6 |
| 35031567 | 01 | AA | COPPER ALLOY | | | SN | | 0.22 | 21 | 0.35 - 0.5 | 1.2 - 1.83 | 2.1 | 3 | 2.1 | 3 |
| 35031568 | 01 | AA | COPPER ALLOY | | | SN | | 0.22 | 25 | 0.13 - 0.22 | 0.81 - 1.2 | 1.5 | 1.9 | 1.5 | 1.7 |
| | | | CONTACT AREA PLATING TYPE(SEE NOTE #8) | | CRIMP AREA PLATING TYPE(SEE NOTE #8) | | | | | | | | | |

2 PROCESS INSPECTION STANDARD REFERENCE

DIMENSIONS INCLUDE A 1.5 MASKING ALLOWANCE. DIMENSIONS ARE TO BE TO ALL LIMITS AND EXCLUDE MASKING.

| DIMENSIONAL RANGE (MM) | | | SHEET C |
|---|---|---|---|
| FROM | 0 | | >12 |
| TO | 12 | | |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | | |
| ±0.25 | | | |
| ANGULAR TOLERANCE ±2° | | | |

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

USE MATH DATA

NX

ALL DIMENSIONS ARE IN MILLIMETERS

A ***** THE DRAWING THEREON I FOR SUPPLIER INQUIRIES ONLY BECAUSE PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT OR 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) | SCRAP (GM) |

UNLESS OTHERWISE SPECIFIED

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MATERIAL
SEE CHART

DELPHI

DELPHI PROVIDED ELECTRICAL/ELECTRONIC ARCHITECTURE


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| | | DATE |
|---|---|---|
| DR | | |
| APVD1 | YANIR TELLEZ | 10APL7 |
| APVD2 | YANIR TELLEZ | 10APL7 |
| APVD3 | H. SANDER | 10APL7 |
| APVD4 | | |
| APVD5 | | |

SUBSTANCES OF CONCERN: NO RECYCLED CONTENT FOR DELPHI (EMBEDDED)

DRAWING NAME

TAXI TERM F OCS 1.5

| DRAWING NUMBER | | | | | | |
|---|---|---|---|---|---|---|
| 13849927 | | | | | | |
| SIZE | SCALE | FRAME NO | SHEET NO | STD | REV | NTP |
| A0 | 1:01 | 1 OF 1 | 1 OF 1 | | R 02 | - |