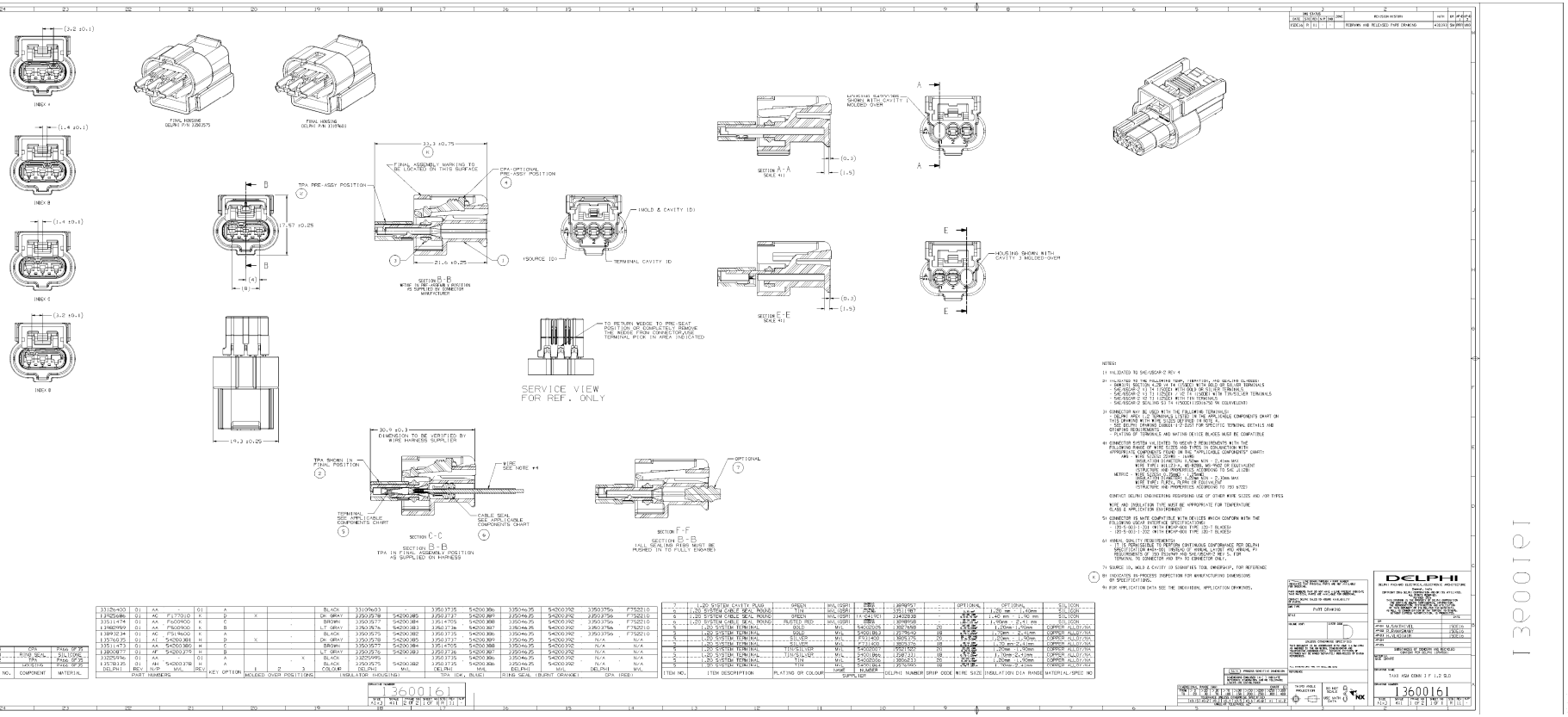



NOTES:

1) VALIDATED TO SAE/USCAR-2 REV 4

2) VALIDATED TO THE FOLLOWING TEMP, VIBRATION, AND SEALING CLASSES:
- AMBIENT SECTION 4.2B or 4.1A (TABLE WITH GOLD OR SILVER TERMINALS
- SAE/USCAR-2 12.1.1 (TABLE WITH GOLD OR SILVER TERMINALS
- SAE/USCAR-2 12.1.2 (TABLE 4) (TABLE WITH TIN/SILVER TERMINALS
- SAE/USCAR-2 12.1.3 (TABLE 4) (TABLE WITH TIN/TIN TERMINALS
- SAE/USCAR-2 SEALING S1 T1 W1 (DEVIATION TO OEM EQUIVALENT)

3) CONNECTOR MAY BE USED WITH THE FOLLOWING TERMINALS:
- 0.64 MM [.025] MALE TERMINALS - SEE APPLICABLE COMPONENTS CHART ON THIS DRAWING WITH WIRE SIZES DEFINED IN NOTE 4
- SEE DELPHI DRAWING 13800116 OR 3600116 FOR SPECIFIC TERMINAL DETAILS AND ASSEMBLY INSTRUCTIONS
- MATING OF TERMINALS AND MATING DEVICE BLADES MUST BE COMPATIBLE

4) CONNECTOR SYSTEM VALIDATED TO USCAR-2 REQUIREMENTS WITH THE FOLLOWING WIRE SIZES AND INSULATION TYPES IN CONJUNCTION WITH APPROPRIATE COMPONENTS GUIDE AND SPECIFIC FLEXIBLE COMPONENTS CHARTS:
- AWG - WITH 0.5DSC (DSAE) - 1.0MM
  INSULATION DIAMETER: 3.30mm MIN - 5.41mm MAX
  WIRE PART NUMBER: FLRY-A OR FLRY-B OR EQUIVALENT
  - INSTRUCTIONS AND PROPERTIES ACCORDING TO SAE J1128
- METRIC - WITH 0.5DSC (DSAE) - 1.0MM
  INSULATION DIAMETER: 3.30mm MIN - 5.30mm MAX
  WIRE PART NUMBER: FLRY-B OR EQUIVALENT
  - INSTRUCTIONS AND PROPERTIES ACCORDING TO ISO 6722

CONTACT DELPHI ENGINEERING REGARDING USE OF OTHER WIRE SIZES AND /OR TYPES

WIRE AND INSULATION TYPE MUST BE APPROPRIATE FOR TEMPERATURE CLASS & APPLICATION ENVIRONMENT

5) CONNECTOR IS NOT COMPATIBLE WITH DEVICES WHICH CONFORM WITH THE FOLLOWING USCAR INTERFACE SPECIFICATIONS:
- 125-5-001-1-201 WITH ENCAP-001 TYPE 120-1 BLADES
- 120-5-001-1-202 WITH ENCAP-001 TYPE 120-1 BLADES

6) AXIAL QUALITY REQUIREMENTS:
- IT IS NOT POSSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER SCLP-1 FOR THIS CONNECTOR SYSTEM. THE FOLLOWING ARE THE MINIMUM REQUIREMENTS OF 200 SYSTEMS AUDITS PER SCLP-1 PER TERMINAL TO CONNECTOR AND TPA TO CONNECTOR ONLY.

7) SOURCE ID, MOLD & CAVITY ID SUBMITTED TOOL ENDSHRAP, FOR REFERENCE

8) INDICATES IN-PROCESS INSPECTION FOR MANUFACTURING DIMENSIONS OR SPECIFICATIONS.

9) FOR APPLICATION DATA SEE THE DEVELOPMENT APPLICATION DRAWINGS.

| ITEM NO. | COMPONENT | MATERIAL |
|---|---|---|
| 4 | CPA | PA66 GF 35 |
| 3 | RING SEAL | SILICONE |
| 2 | TPA | PA66 GF 35 |
| 1 | HOUSING | PA66 GF 35 |

| PART NUMBERS | REV | MFG | KEY OPTION | MOLDED OVER POSITIONS | 1 | 2 | 3 | COLOUR | PLATING OF COLOUR | SUPPLIER | DELPHI NUMBER | GRIP CODE | WIRE SIZE | INSULATION DIA RANGE | MATERIAL/SPEC NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33128400 | 01 | AA | | 01 | A | | | BLACK | 33109603 | 3350735 | 54200386 | 3350445 | 54200352 | 3350396 | FT5221.0 |
| 13526486 | 01 | AC | F1733.0 | K | D | | X | DK. GRAY | 3350378 | 54200385 | 3350727 | 54200387 | 3350435 | 54200352 | 3350396 | FT5221.0 |
| 33431494 | 01 | AA | P6609900 | K | C | | | BROWN | 3350377 | 54200384 | 3351495 | 54200388 | 3350435 | 54200352 | 3350396 | FT5221.0 |
| 13480989 | 01 | AA | P6609900 | K | B | | | LT. GRAY | 3350378 | 54200383 | 3350738 | 54200387 | 3350435 | 54200352 | 3350396 | FT5221.0 |
| 13892034 | 01 | AC | P6609600 | K | A | | | BLACK | 3350375 | 54200382 | 3350735 | 54200386 | 3350435 | 54200352 | 3350396 | FT5221.0 |
| 13576675 | 01 | AA | 54200381 | H | D | | X | DK. GRAY | 3350378 | 54200385 | 3350727 | 54200387 | 3350435 | 54200352 | N/A | N/A |
| 33511493 | 01 | AF | 54200380 | H | C | | | BROWN | 3350377 | 54200384 | 3351495 | 54200388 | 3350435 | 54200352 | N/A | N/A |
| 13893877 | 01 | AF | 54200379 | H | B | | | LT. GRAY | 3350378 | 54200383 | 3350738 | 54200387 | 3350435 | 54200352 | N/A | N/A |
| 33259496 | 01 | AA | | H | B | | X | BLACK | 33259495 | | 3350735 | 54200386 | 3350435 | 54200352 | N/A | N/A |
| 13578425 | 01 | AA | 54200378 | H | A | | | BLACK | 3350375 | 54200382 | 3350735 | 54200386 | 3350435 | 54200352 | N/A | N/A |
| DELPHI | REV | MFG | | KEY | 1 | 2 | 3 | COLOR | DELPHI | MFG | DELPHI | MFG | DELPHI | MFG | DELPHI | MFG |

| PART NUMBERS | REV | MFG | KEY OPTION | MOLDED OVER POSITIONS | 1 | 2 | 3 | COLOR | PLATING OF COLOUR | SUPPLIER | DELPHI NUMBER | GRIP CODE | WIRE SIZE | INSULATION DIA RANGE | MATERIAL/SPEC NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,420 SYSTEM CAVITY PLUG | | | | | | | | GREEN | WHL/DSR1 | DELPHI | 1809957 | | OPTIONAL | OPTIONAL | SILICON |
| 1,260 SYSTEM CABLE SEAL PACKED | | | | | | | | GREEN | WHL/DSR1 | TYK/DELPHI | 13511187 | | 0.5 mm | 1.250 mm - 1.40mm | SILICON |
| 1,420 SYSTEM CABLE SEAL MOLDED | | | | | | | | GREEN | WHL/DSR1 | TYK/DELPHI | 12402838 | | 0.5 mm | 1.40 mm - 1.90 mm | SILICON |
| 1,420 SYSTEM CABLE SEAL MOLDED | | | | | | | | RUSTIC RED | WHL/DSR1 | DELPHI | 13509705 | | 0.5 mm | 1.19mm - 2.41 mm | SILICON |
| 1,420 SYSTEM TERMINAL | | | | | | | | GOLD | WHL | DELPHI | 13509706 | 20 | 0.5 mm | 1.20mm - 1.70mm | COPPER ALLOY/NA |
| 1,420 SYSTEM TERMINAL | | | | | | | | GOLD | WHL | 54200383 | 13509707 | 20 | 0.5 mm | 1.20mm - 2.41mm | COPPER ALLOY/NA |
| 1,420 SYSTEM TERMINAL | | | | | | | | SILVER | WHL | 54200384 | 13509709 | 20 | 0.5 mm | 1.20mm - 1.70mm | COPPER ALLOY/NA |
| 1,420 SYSTEM TERMINAL | | | | | | | | SILVER | WHL | 54200385 | 13509710 | 20 | 0.5 mm | 1.20 mm - 2.41mm | COPPER ALLOY/NA |
| 1,420 SYSTEM TERMINAL | | | | | | | | TIN/SILVER | WHL | 54200387 | 13511609 | 20 | 0.5 mm | 1.20mm - 1.70mm | COPPER ALLOY/NA |
| 1,420 SYSTEM TERMINAL | | | | | | | | TIN/SILVER | WHL | 54200386 | 13509711 | 20 | 0.5 mm | 1.20mm - 2.41mm | COPPER ALLOY/NA |
| 1,20 SYSTEM TERMINAL | | | | | | | | TIN | WHL | 54200388 | 13509712 | 20 | 0.5 mm | 1.20mm - 1.70mm | COPPER ALLOY/NA |
| 1,20 SYSTEM TERMINAL | | | | | | | | TIN | WHL | 54200389 | 13509713 | 20 | 0.5 mm | 1.20mm - 2.41mm | COPPER ALLOY/NA |

| ITEM NO. | ITEM DESCRIPTION | PLATING OF COLOUR | SUPPLIER | DELPHI NUMBER | GRIP CODE | WIRE SIZE | INSULATION DIA RANGE | MATERIAL/SPEC NO. |
|---|---|---|---|---|---|---|---|---|

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE

Warren, OHIO

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| | |
|---|---|
| DRAWING TYPE | PART DRAWING |
| SIZE | A3 |
| DRAWING NAME | |
| PART NUMBER | 13600161 |
| REVISION | 1 |
| DRAWING NAME | TAB VGA CONN 3 F 1.2 SLD |

| | |
|---|---|
| PROE MANUFACTURING | 13600161 |
| PROE ENGINEERING | 13600161 |
| PROE ASSEMBLY | 13600161 |

| | |
|---|---|
| DRAWING NAME | TAB VGA CONN 3 F 1.2 SLD |
| SIZE | A3 |
| DRAWING NUMBER | 13600161 |
| REVISION | 1 |
| SHEET | 1 OF 2 |

| REV | ZONE | DESCRIPTION | DATE | BY | APVD |
|---|---|---|---|---|---|
| 1 | B | RELEASE PER ECR/M 0111 | 08/08/08 | | |

| | |
|---|---|
| DRAWING TYPE | PART DRAWING |
| SIZE | A3 |
| DRAWING NAME | |
| PART NUMBER | 13600161 |
| REVISION | 1 |
| SHEET | 1 OF 2 |

| | |
|---|---|
| PROE MANUFACTURING | 13600161 |
| PROE ENGINEERING | 13600161 |
| PROE ASSEMBLY | 13600161 |

| | |
|---|---|
| DRAWING NAME | TAB VGA CONN 3 F 1.2 SLD |
| SIZE | A3 |
| DRAWING NUMBER | 13600161 |
| REVISION | 1 |
| SHEET | 1 OF 2 |

13600161