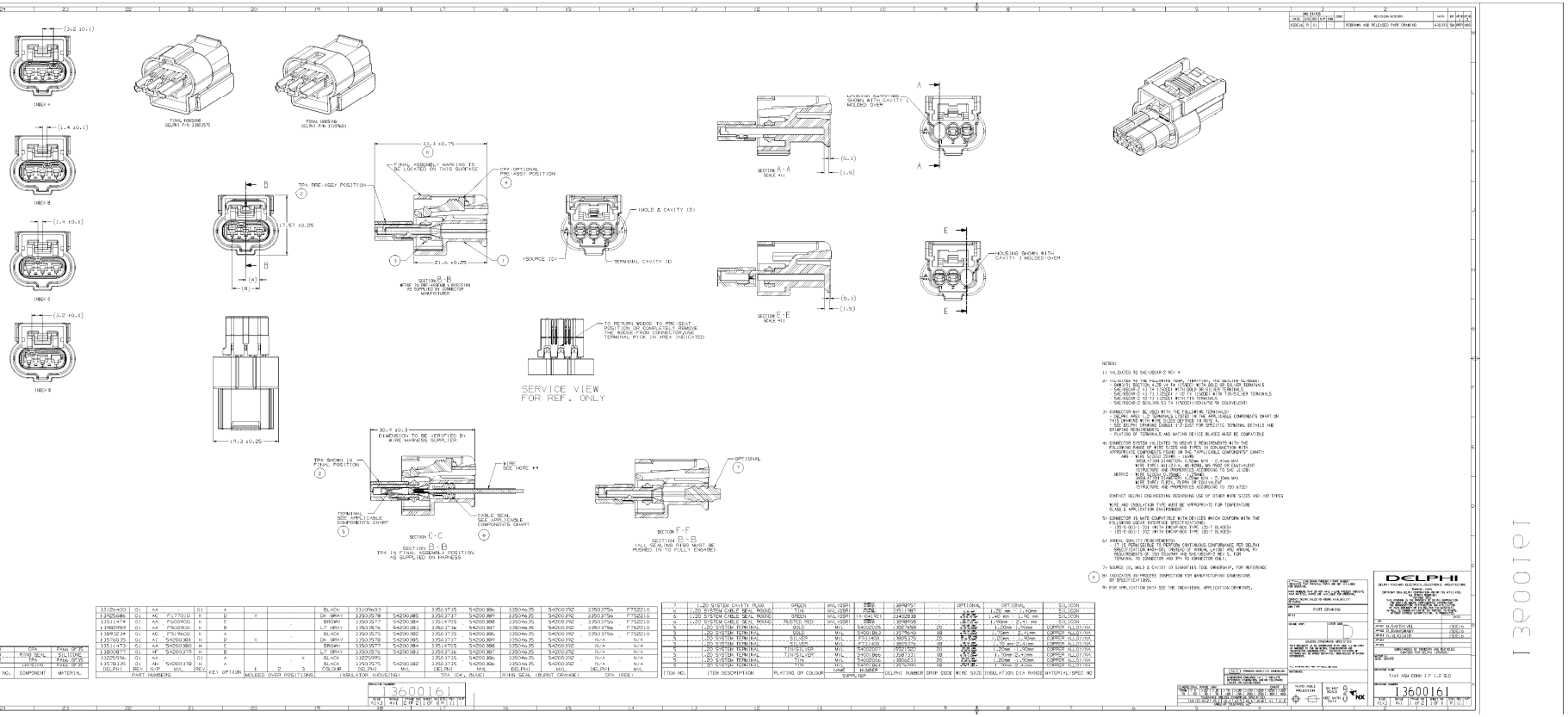


NOTES:

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 SHALL NOT BE LOANED, COPIED OR MADE PUBLIC IN ANY MANNER WITHOUT WRITTEN AUTHORIZATION FROM DELPHI PACKARD ELECTRIC SYSTEMS

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