National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TEST COMPETENCE CENTER, TE CONNECTIVITY INDIA PRIVATE LIMITED, RMZ NXT, CAMPUS 2A, UNIT-002, GROUND FLOOR, BENGALURU, KARNATAKA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-8665
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	4.4.1 - Thermal Aging	GMW 3191
2	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	4.4.2 - Thermal shock	GMW 3191
3	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	5.6.1 - Thermal shock	USCAR-2, Rev. 6
4	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	5.6.1 - Thermal shock	USCAR-2, Rev. 7
5	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	5.6.2 - Temperature/Humidity Cycling	USCAR-2, Rev. 7
6	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	5.6.2- Temperature/Humidity Cycling	USCAR-2, Rev. 6
7	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	5.6.3 - High Temperature Exposure	USCAR-2, Rev. 6
8	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	5.6.3 - High Temperature Exposure	USCAR-2, Rev. 7
9	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 19.1 - Thermal shock	VW 75174
10	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 19.1 - Thermal shock test	GS 95006-7-1
11	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 19.1 - Thermal shock test	LV 214
12	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 19.1 - Thermal shock test	MBN 10384
13	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.1 - Aging in dry heat	GS 95006-7-1

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14	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.1 - Aging in dry heat	LV 214
15	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.1 - Aging in dry heat	MBN 10384
16	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.2 - Humid heat, constant	GS 95006-7-1
17	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.2 - Humid heat, constant	LV 214
18	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.2 - Humid heat, constant	MBN 10384
19	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.3 - Low-temperature aging	GS 95006-7-1
20	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.3 - Low-temperature aging	GS95006-7-1
21	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.3 - Low-temperature aging	MBN 10384
22	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.5 - Aging in dry heat	GS 95006-7-1
23	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.5 - Aging in dry heat	GS95006-7-1
24	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 20.5 - Aging in dry heat	MBN 10384
25	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 21.1 - Long-term aging in dry heat	GS 95006-7-1
26	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 21.1 - Long-term aging in dry heat	GS95006-7-1
27	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 21.1 - Long-term aging in dry heat	LV 214

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28	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 21.1 - Long-term aging in dry heat	MBN 10384
29	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	B 21.1 - Long-term aging in dry heat	VW 75174
30	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	Change of temperature/ Thermal shock	IEC 60068-2-14
31	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	Cold / Low temperature aging	IEC 60068-2-1
32	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	Damp heat, cyclic, Humid heat, constant	IEC 60068-2-30
33	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	Dry heat	IEC 60068-2-2
34	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	E 20.3 - Low-temperature aging	LV 214
35	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	E 20.5 - Aging in dry heat	LV 214
36	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	L 20.1 - Aging in dry heat	VW 75174
37	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	L 20.2 - Aging in damp heat, constant	VW 75174
38	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	L 20.3 - Low-temperature aging	VW 75174
39	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive components /Connectors & Cable Assemblies	L 20.5 - Aging in dry heat	VW 75174
40	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	3.4.1 - Visual Examination	GMW 3191
41	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	4.3.2 - Dry circuit resistance	GMW 3191

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42	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	4.3.5 - Isolation Resistance.	GMW 3191
43	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	4.3.6 - Dielectric strength	GMW 3191
44	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	5.1.8 - Visual Inspection	USCAR-2, Rev. 6
45	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	5.1.8 - Visual Inspection	USCAR-2, Rev. 7
46	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	5.3.1 - Dry circuit resistance	USCAR-2, Rev. 6
47	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	5.3.1 - Dry circuit resistance	USCAR-2, Rev. 7
48	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	5.5.1 - Insulation Resistance	USCAR-2, Rev. 6
49	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	5.5.1 - Insulation Resistance	USCAR-2, Rev. 7
50	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	Contact resistance / Millivolt level method	IEC-60512-2-1
51	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 0.1 - Visual inspection	GS 95006-7-1
52	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 0.1 - Visual inspection	LV 214
53	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 0.1 - Visual inspection	MBN 10384
54	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 0.2 - Connection resistance	GS 95006-7-1
55	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 0.2 - Connection resistance	LV 214
56	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 0.2 - Connection resistance	MBN 10384
57	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 0.3 - Insulation Resistance	GS 95006-7-1
58	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 0.3 - Insulation Resistance	LV 214
59	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 0.3 - Insulation Resistance	MBN 10384
60	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 21.1 - Functional test with both groups	GS 95006-7-1

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61	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 21.1 - Functional test with both groups	LV 214
62	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	E 21.1 - Functional test with both groups	MBN 10384
63	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	Method C - Insulation resistance	IEC 60512-3-1
64	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	Method C- Voltage proof	IEC 60512-4-1
65	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	P 0.1 - Visual inspection	VW 75174
66	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	P 0.2 - Volume resistance	VW 75174
67	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	P 0.3 - Insulation Resistance	VW 75174
68	ELECTRICAL-MISCELLANEOUS	Automotive components /Connectors & Cable Assemblies	P 21.1 - Functional test with both groups	VW 75174
69	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	"Connectors for electronic equipment - Tests and measurements - Part 1-1: General examination; Test 1a: Visual examination"	IEC 60512-1-1
70	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	"Connectors for electronic equipment - Tests and measurements - Part 13-5: Mechanical operation tests - Test 13e: Polarizing and keying method"	IEC 60512-13-5
71	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	3.4.1 - Visual Examination	GMW3191
72	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.10 - Force to reset mechanical assist to the pre-seated position	GMW3191
73	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.10 - Lever and Slide “Open” Position Retention	GMW3191
74	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.10 - The force to move the mechanical assist out of pre-seated position	GMW3191

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75	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.11 - Mechanical Assist Integrity	GMW3191
76	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.11 - Mechanical Assist Robustness (Prior to Mate)	GMW3191
77	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.11 - Mechanical Assist Robustness (Prior to Mate)	GMW3191
78	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.12 - Connector Mounting Feature Mechanical Strength	GMW3191
79	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.12 - Connector Mounting Feature Mechanical Strength	GMW3191
80	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.14 - Connector Lock Mechanical Overstress	GMW3191
81	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.15 - CPA Closing force at Connectors	GMW3191
82	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.15 - CPA Extraction force	GMW3191
83	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.15 - CPA Lock force	GMW3191
84	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.15 - CPA Unlock force	GMW3191
85	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.15 - Mated connector - CPA disengagement force	GMW3191
86	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.15 - Mated connector - CPA engagement force	GMW3191
87	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.15 - Unmated Connector CPA Removal Force / Extraction force	GMW3191
88	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.18 - Locked Connector Disengagement Force	GMW3191

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89	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.18 - Locked Connector Disengagement Force	GMW3191
90	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.19 - Connector Primary Lock Disengagement force	GMW3191
91	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.19 - Unlocked Connector Disengagement Force	GMW3191
92	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.20 - Connector Polarization (Coding) and Mis-Mating Feature Effectiveness	GMW3191
93	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.20 - Connector Polarization (Coding) Feature Effectiveness	GMW3191
94	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.3 - Terminal-to-Terminal Engagement Force	GMW3191
95	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.4 - Terminal to connector engagement force, TPA in fully seated position	GMW3191
96	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.4 - Terminal to connector engagement force, TPA in Open Position	GMW3191
97	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.4 - Terminal to connector push through / forward stop, TPA in Open Position	GMW3191
98	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.5 - Terminal-from-Connector Extraction Force, Post thermal aging and Post HHC	GMW3191
99	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.5 - Terminal-from-Connector Extraction Force, Primary lock and TPA engaged	GMW3191
100	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.5 - Terminal-from-Connector Extraction Force, Primary Lock and TPA/PLR and Post Thermal Aging Section and Post Humid Heat Cyclic	GMW3191

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101	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.5 - Terminal-from-Connector Extraction Force, Primary Lock and TPA/PLR and Post-Moisture Conditioning	GMW3191
102	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.5 - Terminal-from-Connector Extraction Force, Primary lock engaged only	GMW3191
103	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.5 - Terminal-from-Connector Extraction Force, Primary lock only	GMW3191
104	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.5 - Terminal-from-Connector Extraction Force, TPA engaged with terminal not fully seated	GMW3191
105	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.6 - Terminal Cavity Polarization	GMW3191
106	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.6 - Terminal Cavity Polarization effectiveness	GMW3191
107	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.7 - Terminal Bend Resistance	GMW3191
108	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.8 - Connector-to-Connector Engagement Force	GMW3191
109	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.9 - Pre lock Position to TPA Lock Position Force, without terminals	GMW3191
110	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.9 - Pre-lock Position to TPA Removal from Connector Force, without terminals	GMW3191
111	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.9 - Retention Force of Seated TPA.	GMW3191
112	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.9 - Retention Force of Seated TPA.	GMW3191
113	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.9 - TPA blocking force: TPA Pre-lock Position to TPA Lock Position Force, without terminals	GMW3191

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114	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.9 - TPA Pre-lock to Lock Closing Force with One Improperly Assembled Terminal	GMW3191
115	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.9 - TPA Pre-lock to Lock Closing Force with One terminal not fully seated	GMW3191
116	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.9 - TPA Pre-lock to Lock Closing Force with Properly Assembled Terminals	GMW3191
117	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.9 - TPA retention capability : Pre-lock Position to TPA Removal from Connector Force, without terminals	GMW3191
118	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.2.9 -Retention Force of Seated TPA.	GMW3191
119	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	4.5.2 - Terminal Push-out Force	GMW3191
120	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.1.8 - Visual Examination	USCAR-2, Rev.6
121	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.1.8 - Visual Examination	USCAR-2, Rev.7
122	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.2.1 - Connectors & cable assemblies	USCAR-2, Rev.6
123	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.2.1 - Terminal to Terminal Disengage Force	USCAR-2, Rev.7
124	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.2.1 - Terminal to Terminal Engage Force	USCAR-2, Rev.6
125	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.2.1 - Terminal to Terminal Engage Force	USCAR-2, Rev.7
126	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.2.2 - Terminal Bend Resistance	USCAR-2, Rev.6

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127	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.2.2 - Terminal Bend Resistance	USCAR-2, Rev.7
128	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.1 - Terminal - Connector Forward Stop Force	USCAR-2, Rev.7
129	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.1 - Terminal - Connector Insertion Force	USCAR-2, Rev.6
130	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.1 - Terminal - Connector Insertion Force	USCAR-2, Rev.7
131	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.1 - Terminal - Connector Push through force	USCAR-2, Rev.6
132	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.1 - Terminal - Connector Retention Force (Primary + secondary lock) after cavity damage, temp/humidity and HTE	USCAR-2, Rev.7
133	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.1 - Terminal - Connector Retention Force (Primary + secondary lock) after moisture condition	USCAR-2, Rev.6
134	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.1 - Terminal - Connector Retention Force (Primary + secondary lock) after moisture condition	USCAR-2, Rev.7
135	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.1 - Terminal - Connector Retention Force (Primary + secondary lock) after temp/humidity and HTE	USCAR-2, Rev.6
136	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.1 - Terminal - Connector Retention Force (Primary lock)	USCAR-2, Rev.6
137	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.1 - Terminal - Connector Retention Force (Primary lock)	USCAR-2, Rev.7
138	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.10 - Terminal/Cavity Polarization	USCAR-2, Rev.6

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139	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.10 - Terminal/Cavity Polarization	USCAR-2, Rev.7
140	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.11 - Connector Mounting Feature Mechanical Strength	USCAR-2, Rev.6
141	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.11 - Connector Mounting Feature Mechanical Strength	USCAR-2, Rev.7
142	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.11 - Connectors & cable assemblies	USCAR-2, Rev.6
143	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.12 - Mechanical Assist Integrity	USCAR-2, Rev.6
144	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.12 - Mechanical Assist Integrity	USCAR-2, Rev.7
145	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.2 - Connector connector Mating Force (non-assist)	USCAR-2, Rev.6
146	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.2 - Connector connector Mating Force (non-assist)	USCAR-2, Rev.7
147	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.2 - Connector connector retention Force, lock engage (non-assist)	USCAR-2, Rev.7
148	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.2 - Connector connector unmating Force, lock disengage (non-assist)	USCAR-2, Rev.6
149	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.2 - Connector connector unmating Force, lock disengage (non-assist)	USCAR-2, Rev.7
150	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.2 - Lock deflection force with CPA (non-assist)	USCAR-2, Rev.6
151	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.2 - Lock deflection force with CPA (non-assist)	USCAR-2, Rev.7
152	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.2 - Lock deflection force without CPA (non-assist)	USCAR-2, Rev.7

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153	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.2 - Lock deflection force without CPA (non-assist)	USCAR-2, Rev.6
154	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.3 - Connector mate/unmate, Lever actuation/removal force	USCAR-2, Rev.6
155	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.3 - Connector mate/unmate, Lever actuation/removal force	USCAR-2, Rev.7
156	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.3 - Connector to device or connector to connector latch retention force	USCAR-2, Rev.6
157	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.3 - Connector to device or connector to connector latch retention force	USCAR-2, Rev.7
158	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.3 - Force to engage/unseat to/from pre-lock position	USCAR-2, Rev.6
159	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.3 - Force to engage/unseat to/from pre-lock position	USCAR-2, Rev.7
160	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.3 - Force to release latch from pre-stage position	USCAR-2, Rev.6
161	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.3 - Force to release latch from pre-stage position	USCAR-2, Rev.7
162	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.3 - Lever actuation/removal force	USCAR-2, Rev.7
163	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.3 - Lever release latch actuation force	USCAR-2, Rev.6
164	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.4 - Polarization Feature Effectiveness	USCAR-2, Rev.6
165	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.4 - Polarization Feature Effectiveness	USCAR-2, Rev.7
166	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - CPA Complete Removal from Pre-stage on Unmated Connector	USCAR-2, Rev.6

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167	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - CPA Complete Removal from Pre-stage on Unmated Connector	USCAR-2, Rev.7
168	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - CPA lock to pre-set, with mated connector	USCAR-2, Rev.6
169	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - CPA lock to pre-set, with mated connector	USCAR-2, Rev.7
170	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - CPA Pre-set to lock with mated connector	USCAR-2, Rev.6
171	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - CPA Pre-set to lock with mated connector	USCAR-2, Rev.7
172	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - CPA Pre-set to lock with unmated connector	USCAR-2, Rev.7
173	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - CPA Pre-set to lock with unmated connector	USCAR-2, Rev.6
174	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - Insert to lock - Component with positive retaining feature such as locator clip, wire dress, etc	USCAR-2, Rev.6
175	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - Insert to lock - Component with positive retaining feature such as locator clip, wire dress, etc	USCAR-2, Rev.7
176	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - Insert to lock - Loose piece TPA/PLR/ or ISL	USCAR-2, Rev.6
177	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - Insert to lock - Loose piece TPA/PLR/ or ISL	USCAR-2, Rev.7
178	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - Remove - Component with positive retaining feature such as locator clip, wire dress, etc	USCAR-2, Rev.6

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179	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - Remove - Component with positive retaining feature such as locator clip, wire dress, etc	USCAR-2, Rev.6
180	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - Remove - Component with positive retaining feature such as locator clip, wire dress, etc	USCAR-2, Rev.7
181	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - Remove - Component with positive retaining feature such as locator clip, wire dress, etc	USCAR-2, Rev.7
182	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - Remove - Loose piece TPA/PLR/ or ISL	USCAR-2, Rev.6
183	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - Remove - Loose piece TPA/PLR/ or ISL	USCAR-2, Rev.6
184	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - Remove - Loose piece TPA/PLR/ or ISL	USCAR-2, Rev.7
185	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL Complete Removal from Pre-stage	USCAR-2, Rev.6
186	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL Complete Removal from Pre-stage	USCAR-2, Rev.7
187	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL lock to pre-set, with terminals	USCAR-2, Rev.6
188	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL lock to pre-set, with terminals	USCAR-2, Rev.6
189	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL lock to pre-set, with terminals	USCAR-2, Rev.7
190	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL lock to pre-set, with terminals	USCAR-2, Rev.7
191	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL lock to pre-set, without terminals	USCAR-2, Rev.6

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192	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL lock to pre-set, without terminals	USCAR-2, Rev.6
193	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL lock to pre-set, without terminals	USCAR-2, Rev.7
194	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL pre-set to lock ,with terminals	USCAR-2, Rev.6
195	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL pre-set to lock ,with terminals	USCAR-2, Rev.7
196	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL pre-set to lock ,without terminals	USCAR-2, Rev.6
197	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.5 - TPA/PLR or ISL pre-set to lock ,without terminals	USCAR-2, Rev.7
198	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.8 - Connector Drop Test	USCAR-2, Rev.6
199	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.8 - Connector Drop Test	USCAR-2, Rev.7
200	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.9 - Cavity Damage Susceptibility	USCAR-2, Rev.6
201	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.9 - Cavity Damage Susceptibility	USCAR-2, Rev.6
202	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.9 - Cavity Damage Susceptibility	USCAR-2, Rev.7
203	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.9 - Cavity Damage Susceptibility	USCAR-2, Rev.7
204	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.7.1 - Header Pin Retention	USCAR-2, Rev.6
205	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.7.1 - Header Pin Retention	USCAR-2, Rev.7

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206	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	B 6.1 - Drop test	GS95006-7-1
207	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	B 6.1 - Drop test	LV 214
208	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	B 6.1 - Drop test	MBN 10384
209	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	B 8.1 - Removal of the contacts 3 times with original release tools	MBN 10384
210	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	B 8.1 - Removal of the contacts three times with original release tools	GS95006-7-1
211	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	B 8.1 - Removal of the contacts three times with original release tools	LV 214
212	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 0.1 - Visual inspection	GS95006-7-1
213	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 0.1 - Visual inspection	MBN 10384
214	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 10.1 - Conductor pull-out force (only in combination with crimp)	LV 214
215	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 10.1 - Conductor pull-out strength (only in connection with crimp)	GS95006-7-1
216	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 10.1 - Conductor pull-out strength (only in connection with crimp)	MBN 10384
217	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 10.2 - Pull-out force from the IDC	MBN 10384
218	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 10.2 - Pull-out force from the IDC	LV 214
219	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.2 - Function of the primary lock/latch play	GS95006-7-1

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220	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.2 - Function of the primary lock/latch play	GS95006-7-1
221	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.2 - Function of the primary lock/latch play	MBN 10384
222	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.2 - Function of the primary lock/latch play	LV 214
223	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.2 - Function of the primary lock/latch play	MBN 10384
224	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.3 - Function of the secondary lock/latch play	MBN 10384
225	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.3 - Function of the secondary lock/latch play	LV 214
226	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Close not okay	GS95006-7-1
227	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Close not okay	LV 214
228	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Close not okay	MBN 10384
229	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Sec. lock close	LV 214
230	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Sec. lock close	MBN 10384
231	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Sec. lock open	GS95006-7-1
232	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Sec. lock open	LV 214
233	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Sec. lock open	MBN 10384

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234	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Sec. lock open	MBN 10384
235	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Sec. lock open	GS95006-7-1
236	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Sec. lock open	LV 214
237	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.1 - Error-proof design of housings (keying/polarization)	MBN 10384
238	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.1 - Error-proof design of housings (keying/polarizing)	GS95006-7-1
239	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.1 - Error-proof design of housings (keying/polarizing)	LV 214
240	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.2 - Retention force of the housing latch/lock, CPA close	GS95006-7-1
241	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.2 - Retention force of the housing latch/lock, CPA close	LV 214
242	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.2 - Retention force of the housing latch/lock, CPA close	MBN 10384
243	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.2 - Retention force of the housing latch/lock, CPA open	LV 214
244	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.2 - Retention force of the housing latch/lock, CPA open	MBN 10384
245	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.3 - CPA efficiency test, without counter part, from pre to end lock, unequipped housings	GS95006-7-1
246	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.3 - CPA efficiency test, without counter part, from pre to end lock, unequipped housings	LV 214

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247	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.3 - CPA efficiency test, without counter part, from pre to end lock, unequipped housings	MBN 10384
248	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.3 - CPA functional test - lock to preset	GS95006-7-1
249	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.3 - CPA functional test - lock to preset	LV 214
250	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.3 - CPA functional test - lock to preset	MBN 10384
251	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.3 - CPA functional test - Preset to lock	GS95006-7-1
252	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.3 - CPA functional test - Preset to lock	LV 214
253	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.3 - CPA functional test - Preset to lock	MBN 10384
254	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.4 - Actuation force for insertion and removal aids	LV 214
255	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.4 - Actuation force for insertion and removal aids	LV 214
256	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.4 - Actuation force for insertion and removal aids	MBN 10384
257	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.4 - Actuation force for insertion and removal aids	MBN 10384
258	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.4 - Insertion force	GS95006-7-1
259	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.4 - Insertion force	MBN 10384

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260	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.4 - Insertion force	LV 214
261	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.1 - Determination of the contact insertion forces	GS95006-7-1
262	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.1 - Determination of the contact insertion forces	MBN 10384
263	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.2 - Contact pullout force from the housing, primary lock only	GS95006-7-1
264	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.2 - Contact pullout force from the housing, primary lock only	LV 214
265	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.2 - Contact pullout force from the housing, primary lock only	MBN 10384
266	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.2.1 - Contact removal force from the housing, primary lock only	GS95006-7-1
267	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.2.1 - Contact removal force from the housing, primary lock only	LV 214
268	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.2.1 - Contact removal force from the housing, primary lock only	MBN 10384
269	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.2.2 - Contact removal force from the housing, secondary lock only	GS95006-7-1
270	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.2.2 - Contact removal force from the housing, secondary lock only	LV 214
271	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.2.2 - Contact removal force from the housing, secondary lock only	MBN 10384
272	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	L 8.1 - Removal of the contacts 3 times with original release tools	VW75174
273	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 0.1 - Visual inspection	VW75174

SCOPE OF ACCREDITATION

Laboratory Name : TEST COMPETENCE CENTER, TE CONNECTIVITY INDIA PRIVATE LIMITED, RMZ NXT, CAMPUS 2A, UNIT-002, GROUND FLOOR, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
274	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 10.1 - Conductor pull-out strength (only in connection with crimp)	VW75174
275	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 10.2 - Pull-out strength from the insulation displacement connector	VW75174
276	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 6.2 - Function of the primary locking device/latch play	VW75174
277	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 6.2 - Function of the primary locking device/latch play	VW75174
278	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 6.3 - Function of the secondary locking device/latch play	VW75174
279	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 6.4 - Actuation forces for the secondary locking device, Close not okay	VW75174
280	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 6.4 - Actuation forces for the secondary locking device, Sec. lock close	VW75174
281	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 6.4 - Actuation forces for the secondary locking device, Sec. lock open	VW75174
282	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 6.4 - Actuation forces for the secondary locking device, Sec. lock open	VW75174
283	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 7.1 - Distinctiveness of the unequipped contact housings (keying/polarization)	VW75174
284	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 7.2 - Holding force of the contact housing latching/locking, CPA close	VW75174
285	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 7.3 - CPA efficiency test, without counter part, from pre to end lock, unequipped housings	VW75174
286	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 7.3 - CPA functional test - lock to preset	VW75174

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
287	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 7.3 - CPA functional test - Preset to lock	VW75174
288	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 7.4 - Actuation force for insertion and extraction aids	VW75174
289	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 7.4 - Insertion force	VW75174
290	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 8.1 - Determination of the contact insertion forces	VW75174
291	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 8.2 - Contact pull-out strength in the contact housing, primary locking device only	VW75174
292	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 8.2.1 - Contact pull-out strength in the contact housing, primary locking device only	VW75174
293	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 8.2.2 - Contact pull-out strength in the contact housing, secondary locking devices	VW75174
294	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	L 6.1 - Drop test	VW75174
295	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	5.4.2 - Connector connector unmating Force, lock engage (non-assist)	USCAR-2, Rev.6
296	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	6.2 - Function of the primary lock/latch play	LV 214
297	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 0.1 - Visual inspection	LV 214
298	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 10.2 - Pull-out force from the IDC	GS95006-7-1
299	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.3 - Secondary locking/Latching play function	GS95006-7-1

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
300	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 6.4 - Actuation forces for secondary lock, Sec. lock close	GS95006-7-1
301	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.2 - Retention force of the housing latch/lock, CPA open	GS95006-7-1
302	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.4 - Actuation force for insertion and removal aids	GS95006-7-1
303	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 7.4 - Actuation force for insertion and removal aids	GS95006-7-1
304	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	E 8.1 - Determination of the contact insertion forces	LV 214
305	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 7.2 - Holding force of the contact housing latching/locking, CPA open	VW75174
306	MECHANICAL-AUTOMOTIVE COMPONENTS	Connectors & cable assemblies	P 7.4- Actuation force for insertion and extraction aids	VW75174