APTIV

COMPONENT PART INSPECTION REPORT

Part Certification

Part Number	ECL	Date	Part Name
35589655	01	2023-09-13 00:00:00	ASM TERM F APEX 2.8 AG

Type of Tool

[X] PRODUCTION
[ ] PRE-PRODUCTION
[ ] PROTOTYPE

Part Wt. (1 pc)

With carrier (term) 0.0006 Kilograms

Loose 0.0006 Kilograms

[ ] NEW TOOL [ ] REVISED TOOL [ ] TRANSFER TOOL [X] OTHER

Purchased Part: [ ] Yes [X] No

Die Master Mold No. (Components) or Master Board No. (Harnesses) if applicable
00000471 MA A F00J

Tool No.	No. of Tool Cavities(Components)	Cav. #
00000471 MA A F00J	N/A	N/A

Tool/Part Supplier
DELPHI

Material	Material Spec	Max % Regrind	Actual % Regrind
METL C14530 H08 SELECTIVE SILVER W/ANTI-TARNISH	M6666CN0	N/A	N/A

Report Requested By
CUSTOMER

Type of Inspection

[X] Complete [ ] Partial

Type of Drawing

[X] Product Drawing [ ] Tool Drawing

Drawing is being changed by Product Engineering per ECN No. Chg Level 90

Additional Eng. Changes

Dim No.	Ref Only	Drawing Dimension	Acceptance		Parts/Tool Cavities Checked								Discrep Col #	Product Eng. Notes	
			Lower	Upper	1	2	3	4	5	6	7	8		Fix Tool	Will change Dwg to
1-2		4.3			N/A	N/A	N/A	N/A	N/A						CABLE ALIGNMENT
3-11		TYPE 102			N/A	N/A	N/A	N/A	N/A						
12		NOTE			OK	OK	OK	OK	OK						STAMP I.D. "J"
13		0.3		0.3	0.05	0.06	0.05	0.05	0.06						INSULATION
13-2		0.3		0.3	0.08	0.08	0.09	0.09	0.08						CORE
14	X	1.45	1.35	1.55	1.44	1.44	1.44	1.45	1.45						
15		0.63	0.53	0.67	0.56	0.57	0.57	0.56	0.56						
16	X	19			19.23	19.22	19.22	19.23	19.24						
16-2	X	19			19.21	19.21	19.21	19.21	19.21						
17		3.8	3.7	3.9	3.82	3.82	3.82	3.82	3.82						
17-2		3.8	3.7	3.9	3.82	3.82	3.82	3.82	3.82						
18	X	7.5			7.59	7.59	7.59	7.59	7.59						
18-2	X	7.5			7.62	7.62	7.62	7.62	7.62						
19		NOTE			OK	OK	OK	OK	OK						STAMP ID "18AG"
20		2	1.75	2.25	2.02	2.02	2.02	2.02	2.02						
20-2		2	1.75	2.25	2.01	2.01	2.01	2.01	2.01						
21		NOTE			OK	OK	OK	OK	OK						STAMP ID. "PED"
22		4.25	4.20	4.30	4.25	4.25	4.24	4.25	4.24						
23		NOTE			OK	OK	OK	OK	OK						DATE CODE
24		2.9	2.8	3.0	2.93	2.93	2.93	2.93	2.93						
24-2		2.9	2.8	3.0	2.93	2.92	2.92	2.94	2.92						
25		0	-0.10	0.10	0.02	0.02	0.02	0.02	0.02						
26		NOTE			N/A	N/A	N/A	N/A	N/A						GREASE
27		3.35	3.20	3.50	3.27	3.27	3.27	3.27	3.27						
27-2		3.35	3.20	3.50	3.24	3.24	3.24	3.24	3.24						
28	X	3.9			3.92	3.91	3.92	3.91	3.91						
29		8.2	7.95	8.45	8.18	8.18	8.18	8.18	8.18						
29-2		8.2	7.95	8.45	8.16	8.16	8.16	8.16	8.16						
30		11.5	11.25	11.75	11.55	11.55	11.55	11.55	11.55						
30-2		11.5	11.25	11.75	11.53	11.53	11.53	11.53	11.53						
31-32		N/A			N/A	N/A	N/A	N/A	N/A						DOUBLE WIRE
33		0.15	0.10	0.20	0.11	0.11	0.11	0.11	0.11						CORE
33-2		0.15	0.10	0.20	0.12	0.12	0.13	0.13	0.13						CORE
33-3		0.15	0.10	0.20	0.13	0.14	0.14	0.13	0.14						INSULATION
33-4		0.15	0.10	0.20	0.17	0.16	0.16	0.17	0.17						INSULATION
34	X	3.1			3.11	3.11	3.11	3.11	3.11						CORE
34-2	X	3.1			3.12	3.13	3.13	3.12	3.14						CORE

Dim No.	Ref Only	Drawing Dimension	Acceptance		Parts/Tool Cavities Checked								Discrep Col #	Product Eng. Notes	
			Lower	Upper	1	2	3	4	5	6	7	8		Fix Tool	Will change Dwg to
35		3	2.7	3.3	2.93	2.94	2.94	2.93	2.92						CORE
36	X	3.3			3.39	3.39	3.39	3.39	3.39						INSULATION
36-2	X	3.3			3.41	3.41	3.41	3.41	3.41						INSULATION
37		3.8	3.5	4.1	3.64	3.64	3.64	3.64	3.64						INSULATION
38-39		N/A			N/A	N/A	N/A	N/A	N/A						DOUBLE WIRE
40		NOTE			N/A	N/A	N/A	N/A	N/A						GREASE OVERFLOW
41-42		N/A			N/A	N/A	N/A	N/A	N/A						CABLE ALIGNMENT

NOTES

01	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).....
01..	FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
02	RECOMMENDED MATING BLADE PER USCAR STANDARD EWCAP-001.
03	"PXX" INDICATES "P" PLUS LAST TWO DIGITS OF MAKE DIE SERIES NUMBER (P01, P02, P03, ETC.) .
04	CORPORATE BRAND TO BE APPLIED TO PRODUCT DESIGN PER THE LATEST REVISION OF ESD S1085201.
05	AFTER MANUFACTURE, DO NOT PROBE, TEST, OR OTHERWISE CONTACT THE INTERIOR REGION (THE SPRING OR ANY MOVING PART) OF THIS TERMINAL.
05..	SEVERE DAMAGE CAN OCCUR, COMPROMISING THE PERFORMANCE OF THE ELECTRICAL INTERFACE.
06	PLATING TYPE: I. HOT DIP TIN 0.5 - 2.5 MICROMETERS THICK II. HOT DIP TIN 0.51 - 2.5 MICROMETERS THICK III. SILVER 2-3 MICROMETERS THICK OVER NICKEL UNDERPLATE 0.05 MIN MICROMETERS THICK
06..	GOLD ALLOY 0.25 MICROMETERS THICK OVER PALLADIUM SILVER ALLOY UNDERPLATE 0.51 MICROMETERS THICK OVER NICKEL UNDERPLATE 20.3 - 27.4 MICROMETERS THICK V. NICKEL 1.27 - 2.54 MICROMETERS THICK
06...	IV. GOLD ALLOY 0.25 MICROMETERS THICK OVER PALLADIUM SILVER ALLOY UNDERPLATE 0.51 MICROMETERS THICK OVER NICKEL UNDERPLATE 20.3 - 27.4 MICROMETERS THICK V. NICKEL 1.27 - 2.54 MICROMETERS THICK
06....	VI. MATTE TIN 2.54 - 3.8 MICROMETERS THICK (FOR USE WITH SELECTIVE SILVER PLATING SPECIFICATION) VII. MATTE TIN 2.5 MIN MICROMETERS THICK (FOR USE WITH SELECTIVE GOLD PLATING SPECIFICATION)
06.....	PLATING TYPE INFORMATION SHOWN ABOVE IS REFERENCE ONLY. PLATING REQUIREMENTS ARE CONTAINED IN APPLICABLE MATERIAL SPECIFICATION.
07	* DENOTES DIMENSIONS MADE AT CUT-OFF AND CRIMP DIE.
08	PLUS ANGLE IS WING BOTTOM SURFACE ROTATED COUNTERCLOCKWISE AGAINST THE BOX BOTTOM SURFACE.
09	TERMINAL SYMMETRICAL ABOUT CENTERLINE EXCEPT AS SHOWN.
10	THIS TERMINAL IS SYMMETRICAL ABOUT CONTACT CENTERLINE AND 180° INSERTABLE. IT IS PREFERRED TO KEEP THE SAME ORIENTATION THE FIRST TERMINAL IS STARTED WITH FOR UNIFORMITY.
11	REFERENCE ONLY; FOR SPECIFIC CABLE SEAL APPLICATION, PLEASE SEE THE CONNECTION SYSTEM FOR VALIDATED SEALS.
12	SEE SHT 2 FOR LEGACY CRIMP INFORMATION. CONTACT APTIV REPRESENTATIVE FOR THE LATEST CRIMP INFORMATION.

Inspection Source Company Name Delphi Packard Electric Systems Plant MEXICO 84		
Inspected by CRUZ, RICARDO1	Title TÉCNICO DE CALIDAD	Inspection Report Date 26-Sep-2023
Inspector Supervisor CARDENAS, CARLOS E	Title QUALITY MANAGER	Date 26-Sep-2023
Approved by	Title	Date