



Part Submission Warrant

22/202489

revA

Part Name 6Pos Generation Y Assy Cust. Part Number n/a

Shown on Drawing Number HUST-14489-EAA Org.Part Number 9-2208798-5

Engineering Change Level A1 Dated 07-03-2016

Additional Engineering Changes n/a Dated n/a

Safety and/or Government Regulation Yes No Purchase Order No. n/a Weight (kg) 2.2873 g

Checking Aid Number n/a Checking Aid Engineering Change Level n/a Dated n/a

ORGANIZATION MANUFACTURING INFORMATION

CUSTOMER SUBMITTAL INFORMATION

TYCO ELECTRONICS BELGIUM EC BV/370654167

Nursan Kablo Donanimleri

Organization Name and Supplier Code

Customer Name/Division

SIEMENSLAAN 14

n/a

Street Address

Buyer/Buyer Code

OOSTKAMP **8020** **BE**
City Region Postal Code Country

FORD
Application

MATERIALS REPORTING

Has customer-required Substance of Concern information been reported Yes No n/a
Submitted by IMDS or other customer format 429571540

Are polymeric parts identified with appropriate ISO marking codes? Yes No n/a

REASON FOR SUBMISSION (Check at least one)

- Initial submission
- Engineering Change(s)
- Tooling: Transfer, Replacement, Refurbishment, or additional
- Correction of Discrepancy
- Tooling Inactive > than 1 year
- Change to Optional Construction or Material
- Sub-Supplier or Material Source Change
- Change in Part Processing
- Parts Produced at Additional Location
- Other - please specify

REQUESTED SUBMISSION LEVEL (Check one)

- Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer.
- Level 2 - Warrant with product samples and limited supporting data submitted to customer.
- Level 3 - Warrant with product samples and complete supporting data submitted to customer.
- Level 4 - Warrant and other requirements as defined by customer.
- Level 5 - Warrant with product samples and complete supporting data reviewed at supplier's manufacturing location.

SUBMISSION RESULTS

The results for dimensional measurement material and functional tests appearance criteria statistical process package
These results meet all design record requirements: Yes No (If "No" - Explanation Required)

Mold / Cavity / Production Process Assembly

DECLARATION

I affirm that the samples represented by this warrant are representative of our parts, which were made by a process that meets all Production Part Approval Process Manual 4th Edition Requirements. I further affirm that these samples were produced at the production rate of proprietary / 8 hours I also certify that documented evidence of such compliance is on file and is available for review. I have noted any deviations from this declaration below.

EXPLANATION/COMMENTS General Parts according to tyco customer drawings. ISIR is depending on part number and independant from used tool.

Is each Customer Tool properly tagged and numbered? Yes No n/a

Organization Authorized Signature Vedak Date 26/9/2022

Print Name Veda Kulkarni Phone No. +91 080 67022590 Fax n/a

Title Quality Engineering Email vedak@te.com

FOR CUSTOMER USE ONLY (IF APPLICABLE)

PPAP Warrant Disposition : Approved Rejected Other

Customer Signature _____ Date _____

Print Name _____ Customer Tracking Number (optional) _____

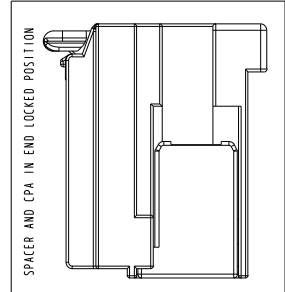
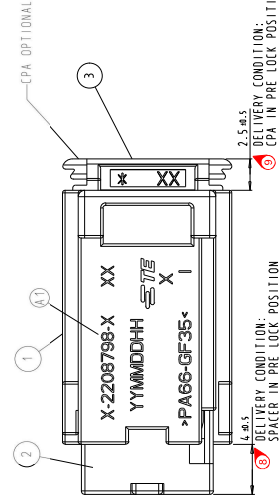
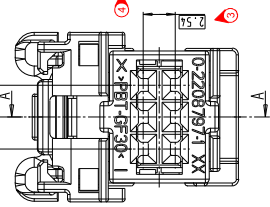
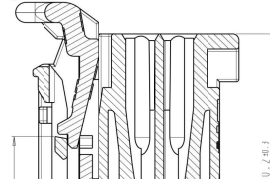
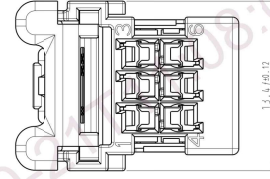
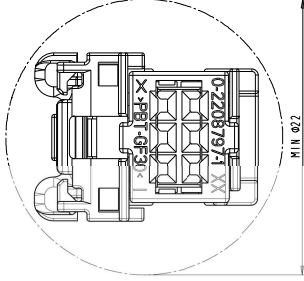
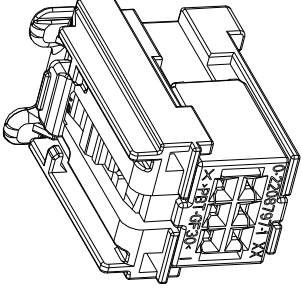
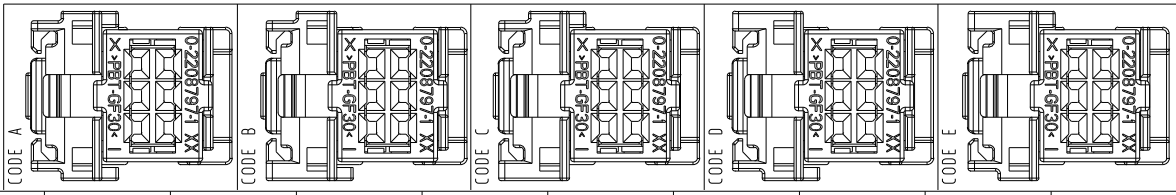
6 POS. FEMALE UNSEALED 0.64mm GENERATION Y

APPLICABLE COMPONENTS

DESCRIPTION	MANDATORY (YES/NO)	MIN/MAX DIM	TERMINAL PLATING/ CAVITY MATERIAL	FIBRO COMP. PART NO.	SUPPLIER COMP. PART NO.
8756 0.64mm LVCO BULF18756 0.64mm GENERATION Y INSTALLED FEMALE TERMINAL, 1-HOOK DESIGN (CAVITY 1-6)	NO	0/2.17	N/A	N/A	N/A

CONNECTOR ASSEMBLY CHART				
ASSEMBLY PART NO.'S	SUPPLIER COMPONENT PART NO.	MAX. VIBRATION TEMP CLASS	MATING COMPONENT FORD PART NO.	SUPPLIER COMPONENT PART NO.
HUST-14489-FAA	9-2208798-1	100°C	V1	N/A
HUST-14489-GAA	9-2208798-2	100°C	V1	N/A
HUST-14489-HAA	9-2208798-3	100°C	V1	N/A
HUST-14489-JAA	9-2208798-4	100°C	V1	N/A
HUST-14489-KAA	9-2208798-5	100°C	V1	N/A
HUST-14489-LAA	9-2208798-6	100°C	V1	N/A
HUST-14489-MAA	9-2208798-7	100°C	V1	N/A
HUST-14489-NAA	9-2208798-8	100°C	V1	N/A
HUST-14489-OAA	9-2208798-9	100°C	V1	N/A
HUST-14489-PA	9-2208798-10	100°C	V1	N/A

PIA DESCRIPTION	COLOR	FIBRO COMPONENT PART NO.	SUPPLIER COMPONENT PART NO.	MATERIAL SPEC. NO.	RECYCLING METAL	NO. OF COMPONENTS REQUIRED
1 6 POS. GENERATION Y SOCKET HOUSING CODE A	BLACK	MA	0-2208796-1	PA66-GF35	PA66-GF35	2.00
2 6 POS. GENERATION Y SOCKET HOUSING CODE B	BLACK	MA	0-2208796-2	PA66-GF35	PA66-GF35	2.00
3 6 POS. GENERATION Y SOCKET HOUSING CODE C	BLACK	MA	0-2208796-3	PA66-GF35	PA66-GF35	2.00
4 6 POS. GENERATION Y SOCKET HOUSING CODE D	BLACK	MA	0-2208796-4	PA66-GF35	PA66-GF35	2.00
5 6 POS. GENERATION Y SOCKET HOUSING CODE E	BLACK	MA	0-2208796-5	PA66-GF35	PA66-GF35	2.00
6 6 POS. GENERATION Y SOCKET HOUSING CODE A	GREY	MA	1-2208796-1	PA66-GF35	PA66-GF35	2.00
7 6 POS. GENERATION Y SOCKET HOUSING CODE B	GREY	MA	1-2208796-2	PA66-GF35	PA66-GF35	2.00
8 6 POS. GENERATION Y SOCKET HOUSING CODE C	BROWN	MA	1-2208796-3	PA66-GF35	PA66-GF35	2.00
9 6 POS. GENERATION Y SOCKET HOUSING CODE D	BLUE	MA	1-2208796-4	PA66-GF35	PA66-GF35	2.00
10 6 POS. GENERATION Y SOCKET HOUSING CODE E	RED	MA	1-2208796-5	PA66-GF35	PA66-GF35	2.00
11 SPACER FOR 6 POS. FEMALE CONNECTOR	RED	MA	0-1473180-4	PBT-GF20	PBT-GF20	0.39



LTR#	ORIGINATOR	CHECKER	ENGR APP	MATL APP
1	RELEASED			
2	AELE E 12625180 292	GRUMPER	ASANKOVI	20150915
3	AELE E 12625180 322	GRUMPER	ASANKOVI	20160307

REV	DESCRIPTION	DATE
1	AELE E 12625180 292	20150915
2	AELE E 12625180 322	20160307

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Production Part Approval - Dimensional Results

Tyco tracking number: 2021-164111_2017-21363

ORGANIZATION: TE Connectivity Belgium bv SUPPLIER/VENDOR CODE: INSPECTION FACILITY: QS	PART NUMBER: 9-2208798-5 PART NAME: 2 x 3 P GEN Y female connector DESIGN RECORD CHANGE LEVEL: AELE E 12625180 322 ENGINEERING CHANGE DOCUMENTS:
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ITEM	DIMENSION/SPECIFICATION	SPECIFICATION/LIMITS	TEST DATE	QTY TESTED	ORGANIZATION MEASUREMENT RESULTS (DATA)	OK	NOT OK
<u>Drawing HU5T-14489-EAA rev AELE E 12625180 322</u>					Tool: 21-1857144		
1	2 x 2,54 = 5.08				set value		
2	2.54				set value		
3	2.54				set value		
4	14.47	±0.12	19/11/20	Cav.1	14.49	x	
				Cav.2	14.50	x	
				Cav.3	14.48	x	
				Cav.4	14.48	x	
				Cav.5	14.46	x	
				Cav.6	14.48	x	
				Cav.7	14.48	x	
				Cav.8	14.48	x	
5	12.05	±0.3	19/11/20	Cav.1	12.05	x	
				Cav.2	12.02	x	
				Cav.3	12.03	x	
				Cav.4	12.02	x	
				Cav.5	12.04	x	
				Cav.6	12.06	x	
				Cav.7	12.05	x	
				Cav.8	12.05	x	
6	20.2	±0.3	22/10/15	Cav.1	20.19...20.20	x	
				Cav.2	20.19...20.21	x	
				Cav.3	20.20...20.22	x	
				Cav.4	20.19...20.22	x	
				Cav.5	20.19...20.20	x	
				Cav.6	20.20...20.20	x	
				Cav.7	20.20...20.20	x	
				Cav.8	20.19...20.21	x	
7	13.47	±0.12	19/11/20	Cav.1	13.43	x	
				Cav.2	13.44	x	
				Cav.3	13.43	x	
				Cav.4	13.44	x	
				Cav.5	13.43	x	
				Cav.6	13.42	x	
				Cav.7	13.43	x	
				Cav.8	13.44	x	
8	4	±0.5	22/10/15	Cav.1	3.92	x	
	Delivery Condition:			Cav.2	3.95	x	
	Spacer in Pre Lock Position			Cav.3	3.95	x	
				Cav.4	3.99	x	
				Cav.5	3.92	x	
				Cav.6	3.75	x	
				Cav.7	3.93	x	
				Cav.8	3.66	x	
9	2.5	±0.5	22/10/15	Cav.1	2.21	x	
	Delivery Condition:			Cav.2	2.15	x	
	CPA in Pre Lock Position			Cav.3	2.23	x	
				Cav.4	2.17	x	

Signature Title

 PPAP Administrator



Production Part Approval - Dimensional Results

Tyco tracking number: 2021-164111_2017-21363

ORGANIZATION: TE Connectivity Belgium bv SUPPLIER/VENDOR CODE: INSPECTION FACILITY: QS	PART NUMBER: 9-2208798-5 PART NAME: 2 x 3 P GEN Y female connector DESIGN RECORD CHANGE LEVEL: AELE E 12625180 322 ENGINEERING CHANGE DOCUMENTS:
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ITEM	DIMENSION/SPECIFICATION	SPECIFICATION/ LIMITS	TEST DATE	QTY TESTED	ORGANIZATION MEASUREMENT RESULTS (DATA)	OK	NOT OK
				Cav.5	2.23	X	
				Cav.6	2.18	X	
				Cav.7	2.53	X	
				Cav.8	2.67	X	
10	Min Ø22		22/10/15	Cav.1	ok	X	
				Cav.2	ok	X	
				Cav.3	ok	X	
				Cav.4	ok	X	
				Cav.5	ok	X	
				Cav.6	ok	X	
				Cav.7	ok	X	
				Cav.8	ok	X	

Signature Title
PPAP Administrator



Production Part Approval Material Test Results

ORGANIZATION: SUPPLIER/VENDOR CODE TYCO ELECTRONICS BELGIUM EC BVBA	PART NUMBER 9-2208798-5 PART NAME 6Pos Generation Y Assy
INSPECTION FACILITY <p style="text-align: center;">OOSTKAMP</p>	DESIGN RECORD CHANGE LEVEL: HU5T-14489-EAA ENGINEERING CHANGE DOCUMENT#: A1

ITEM	DIMENSION/SPECIFICATION	SPECIFICATION/LIMITS	TEST DATE	QTY. TESTED	ORGANIZATION MEASUREMENT RESULT (DATA)	OK	NOT OK
	Material :						
	6Pos Generation Y Assy						
1	6Pos, 0.64 Generation Y Rec. Housing-Black						
	PA66-GF35				PA66-GF35	X	
2	2x3Pos, Generation Y Female Sapcer, Unsealed - Red						
	PBT GF30				PBT GF30	X	

Blanked statements of conformance are unacceptable for any test results

<u>SIGNATURE</u> Veda Kulkarni	<u>TITEL</u> Quality Engineering	<u>DATE</u> 26/9/2022
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Inspection certificate (EN 10204-3.1)

TE Connectivity Belgium BV
 Marinka Meurice
 Siemenslaan 14
 B-8020 OOSTKAMP
 E-mail: Marinka.meurice@te.com

Company
 LANXESS Performance Materials GmbH
 Kennedyplatz 1
 50569 KÖLN

Date: 03.08.2022

Material description

POCAN B 3235
 300350
 P.1000 OCTA M.BE HP W

Material

56430486

Customer order data

Your order no. of:
 2719650953 // 702350-4

Ship-to party
 3000014105 LPM c/o DSV Solutions N.V.

Your product no.
 702350-4

Delivery data

Delivery no.	Delivered quantity	Planned delivery date	Order no.
3017371447 / 000010	3.945,000 KG	08.08.2022	3033100948 / 000010

Batch	Delivered quantity
0001213633	3.945,000 KG

The tests have been performed specific to the supplied material.

Inspection method/ Characteristic	Result	Specification	Unit
1) ISO 180/1U Impact strength Izod aIU (23°C)	54,5	>= 35,0	kJ/m ²
2) DIN 6174 color difference CIELAB			
Delta L	-0,38		
Delta a	-0,54		
Delta b	-1,08		
Delta E	1,27		
3) Calc. from ash (sim. to ISO 3451-1/A) Glass fibre content	29,7	27,0 - 33,0	%
4) Sim. to DIN EN ISO 1133-1 MVR 260°C; 2,16kg	13,5	10,0 - 21,0	cm ³ /10

Inspection certificate (EN 10204-3.1)

Contact for inquiries regarding this Certificate of Analysis:

Mr. Michael Weber

Mail: michael.weber@lanxess.com

The data presented above relate to characteristics. They do not represent any assurance or warranty. This information does not release the customer from the obligation to carry out incoming inspections of goods, either as agreed or as required under the regulations.

This information has been issued by computer and is valid without signature.

Authorized inspection representative: Dr. Dietmar Klein

Please note that the certificates of analysis are also conveniently available on your BASF online portal.

Tyco Electronics Hungary
Termelő Kft.
AMP út. 2

2022-09-07 Certificate No 5929

2500 Esztergom

RBU Performance Materials Europe

Magyarország

Inspection Certificate 3.1 according to EN 10204

ULTRAMID® A3EG7 BLACK 00564
POLYAMIDE
1000KG FIBREBOARD IBC
Purchase order/Customer material
2550185700
702661-1

Material	50016238
Order	3385979874 000060
Delivery	3196372947 000060
Lot	52535567J0
Lot/Qty	1000.000 KG
Total	1000.000 KG

Characteristic

Method	Specification	Result	Unit

Viscosity number acc.to ISO 307 (Sulfuric acid)	130 - 160	141	ml/g
Moisture content ISO 15512	max.0,15	0,07	%
Reinforcing filler (glass / mineral) ISO 3451	33,0 - 37,0	35,2	%

The above results are means of individual test values determined on samples taken during production of the lot.

Dr.Axel Ebenau, inspection representative

If you have any further questions please send an E-mail to:

EPME-Certificates@basf.com

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.