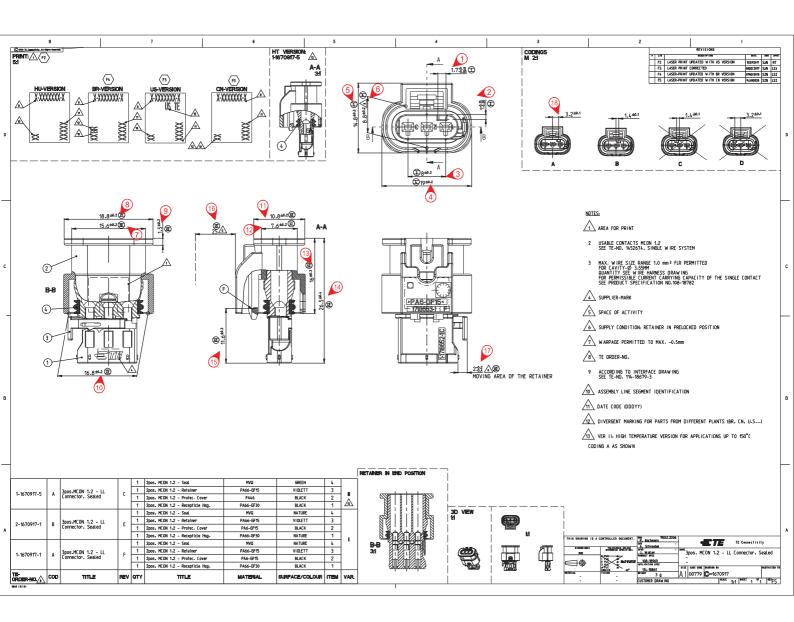


Part Name 3POS, MCON 1.2 LL REC SEALED	Cust. Part Number				
Shown on Drawing Number C-1670917	Org.Part Number 1-1670917-1				
Engineering Change Level F5	Dated 14/01/2020				
Additional Engineering Changes N/A	Dated <i>N/A</i>				
Safety and/or Government Regulation	Purchase Order No. //A Weight (kg) 2.81043 g				
Checking Aid Number N/A Checking Aid Engineeri	ing Change Level N/A Dated N/A				
ORGANIZATION MANUFACTURING INFORMATION	CUSTOMER SUBMITTAL INFORMATION				
Tyco Electronics Hungary Ltd. /364738542	Nursan Otomotiv Ltd.				
Organization Name and Supplier Code	Customer Name/Division				
AMP út 2.	N/A				
Street Address	Buyer/Buyer Code				
Esztergom n/a H-2500 Hungary City Region Postal Code Country	All Models Application				
MATERIALS REPORTING					
Has customer-required Substance of Concern information been reported Submitted by IMDS or other customer format	☑ Yes □ No □ n/a 71440405 / 25				
Are polymeric parts identified with appropriate ISO marking codes? REASON FOR SUBMISSION (Check at least one)	□ Yes □ No □ n/a				
□ 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 				
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 / 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 V769					
Is each Customer Tool properly tagged and numbered?	Yes □ No ☑ N/A				
Organization Authorized Signature **Jorge Passareiro**	Date Date				
Print Name Jorge Passareiro Phone No.	o. (+351)266248624 Fax <u>n/a</u>				
Title Quality Engineer Email	jorge.passareiro@te.com				
FOR CUSTOMER USE PPAP Warrant Disposition :	ONLY (IF APPLICABLE) Other				
Customer Signature	Date				
Print Name	Customer Tracking Number (optional)				





Production Part Approval

TE Connectivity

TE Connectivity Empalme Metrology lab



TE Connectivity-Empalme is accredited by ANSI-ASQ National Accreditation Board for ISO/IEC 17025 under a defined calibration and/or testing scope.

1-1670917-1

DIMENSIONAL TEST RESULTS

Supplier/Vendor Code: N/A Part Name: 3Pos. MCON 1.2 - LL Connector Sealed

INSPECTION FACILITY: Design Record Change Level: DWG: C-1670917

Engineering Change Documents: N/A

Folio: 50810 WC-8917 Page of Dim./Spec. Spec. / Limits Organization Measurement Results (Data) Item Units Instrument Ok SAMPLE 1 SAMPLE 2 SAMPLE 3 SAMPLE 4 SAMPLE 5 SAMPLE 6 tol + tol -# ID 1.7 0.15 0.05 1.752 V LMMC-009 1 mm 1.777 1.753 1.738 1.0 0.15 0.05 0.971 0.976 0.969 0.977 LMMC-009 2 0.978 0.972 8 8.013 8.011 8.014 8.010 8.018 V LMMC-009 3 0.2 0.2 mm 8.020 4 19 0.2 0.2 19.141 19.138 19.120 19.123 19.127 19.135 V LMMI-238 mm 14.8 14.746 LMMI-238 5 0.3 0.3 14.722 14.747 14.764 14.747 14.732 8.8 0.2 0.2 8.782 8.732 8.739 LMMC-009 6 8 722 8 741 8 734 mm 7 15.6 0.2 0.2 15.741 15.734 15.728 15.744 15.742 15.745 \checkmark LMMI-238 mm LMMC-009 8 18.8 0.2 0.2 18.931 18.926 18.944 18.930 18.951 18.922 V 1.5 1.494 1.499 1.504 1.495 1.490 V LMMC-009 9 0.2 0.2 1.501 mm 16.8 0.2 0.2 16.884 16.901 16.878 16.881 16.879 16.888 V LMMC-009 10 mm 10.8 LMMC-009 11 0.2 0.2 10.865 10.866 10.868 10.870 10.878 10.868 7.6 7.685 7.699 7.684 V LMMC-009 0.2 0.2 7 691 7 668 7 704 12 mm 16 13 0.3 0.3 mm 16.005 16.009 16.008 16.014 16.009 16.012 LMMI-238 14 26.5 0.4 0.4 26.609 26.596 26.604 26.606 26.598 26.601 LMMC-009 11.6 LMMC-009 0.3 11.689 11.696 11.684 11.676 11.688 11.701 V 15 0.3 mm 25 REFERENCE OK OK OK OK OK OK mm 16 2 17 0.2 0.4 1.944 1.926 1.974 1.943 1.964 1.912 LMMC-009 3.2 3.211 V LMMC-009 0.1 0.1 3.194 3.194 3.193 3.199 3.183 18 mm

March 2006 CFG-1003

AEF004J-EG Rev: J

SIGNATURE TITLE DATE

Omar Sánchez Metrology Chief 14.09.2021



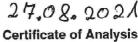
Production Part Approval Material Test Results

Page 1 of 1 Pages 22/206387

ORGANIZATION: SUPPLIER/VENDOR CODE TYCO ELECTRONICS AMP GMBH			PART NUMBER 1104127/A PART NAME Connector, 3Pos., Mcon 1.2, Sealed							
		ELECTRONICS	AMP GI	ИВН	PART NAME					aled
INSPECTION	ON FACILITY ESZTERGOI	M			1		GE LEVEL: DOCUMENT			
ITEM	DIMENSION SPECIFICATION LIMITS		TEST QTY. DATE TESTE	QTY. TESTED	ORGANIZATION MEASUREMENT RESULT (DATA)		ENT	ОК		
	Material :									
	Connector, 3Pos.,	Mcon 1.2, Sea	aled							
1	Pos, Mcon 1.2-Re	c. Housing							$oxed{oxed}$	
	PA66-GF30				PA66-GF	30			X	
2	3Pos. Mcon 1.2 Pro	 otec Cover								
	PA6-I-GF15				PA6-I-GF	15 I			х	
3	Retainer, 3 Pos., M	_ CON 1.2 - Viol	 ett							
	PA66-GF15				PA66-GF	15			х	
4	Seal for Housing, 3	Bpos.								
	VMQ	Ì			VMQ				X	
										\vdash
										_
									\vdash	_
										$oxed{oxed}$

Blanked statements of conformance are unacceptable for any test results

<u>SIGNATURE</u>	<u>TITEL</u>	<u>DATE</u>
Veda Kulkarni	Quality Engineering	15/11/2022





BASF SE

Bitte beachten Sie, dass Sie auf die Analysezertifikate auch bequem über Ihr BASF-Onlineportal zugreifen können.

Fax-Nr 06232302127

TE Connectivity Germany GmbH

SIEMENSSTR. 13

Deutschland

67346 SPEYER

Abnahmeprüfzeugnis 3.1 nach EN 10204

ULTRAMID® A3WG6 SCHWARZ 00564 **POLYAMIDE** 1000KG PAPPE IBC Ihre Bestellung 2550093422/TE210825-598-4 704115-1

2021-08-26

RBU Performance Materials Europe

Zertifikats-Nr 7429

50049397 Material **Auftrag** 3018002228 000010

3194966058 000010 Lieferung 08846804N0 Charge 1000.000 KG Menge Total 1000.000 KG

Pruefung Pruefmethode				
	Spezifikation	Pruefwert	Einheit	

Viskositaetszahl				
in Anlehnung an ISO 36	7(Schwefelsaeure)			
	130 - 160	143	ml/g	
Restfeuchte				
ISO 15512				
	max.0, 15	0, 04	%	
Fuellstoff (Glas und / o	der Mineral)			
ISO 3451				
	28, 0 - 32, 0	30, 3	%	

Die angegebenen Pruefwerte sind Mittelwerte von Pruefdaten, die waehrend der Produktion an der Charge ermittelt wurden.

Dr.Axel Ebenau, Abnahmebeauftragter Bei Fragen senden Sie bitte eine E-Mail an folgende Adresse: EPME-Certificates@basf.com

Die vorstehenden Angaben stellen die mit uns vereinbarte vertragliche Beschaffenheit des Produktes bei Gefahrübergang dar. Sie werden von uns im Rahmen unserer Qualitätssicherung regelmäßig überprüft. Diese Angaben und die Eigenschaften von Produktmustern sind keine Garantie von Eigenschaften und enthalten insbesondere keine Aussagen über die Eignung des Produktes für bestimmte Einsatzzwecke, so dass daraus keine Schadenersatzansprüche gegen uns hergeleitet werden können.

MOMENTIVE"

Insp. certificate "3.1" EN 10204

OR	IGINAL	8 10-82-000);		
elivery Address Tyco Electronics Hungary Termelo Kf	Print Dat		Page 1/	2
MP út 2 500 ESZTERGOM IUNGARY		r Order Number 89265/27168	8927	
		rder Number 84/000010	÷.	
ertificate Recipient Tyco Electronics Hungary Termelo Kf Contact Person: Szilvia Ondok		Number 342/900001		
contact Person. Szilvia Gildok	Shipmer	nt Number		t Aust
		er Number	56	
Product Name : 7056 LSR 3485/35 - drum k Customer code :		7 7 7		shall ar leas: include t
Customer code This confirmation does not relieve your company from visual check of the product's identity such as product transportation demayer as well as visual inspection of				Use before
Batch		1	Production Date 2021.08.23	2023.02.14
21HLVL334	Unit	Result	Lower Limit	Upper Limit
Characteristic	Pas	670	450	1000
Viscosity A-compPas Method QM01 VISCO012 / 2 DIN 53019 Rotationviscosity Cone(1°/20mm)/plate Viscosity B-CompPas Method QM01 VISCO012 / 2 DIN 53019 Rotationviscosity	Pas	640	450	1000
Cone (10/20mm)/plate Prep. Mixing Method QM01 PRLEV006 / 1		OK		*
Mixing Components Reactivity 110°C T 60 Prep. Cure Method OMO1. PRLEV010 / 1	min	2,9 OK	1,6	5,6
Vulcanisation 10 min 175°C Prep. Postcure		OK		
Method QM01 PRLOS001 / 1 post cure 4hours @ 200 Elongation at Break Method QM01 MECH0001 / 1 DIN 53504 S-2 Elongation	%	670	600	
Storage conditions:Product should be stored below	ac c	act person: Mome Office (mail):QCR	entive Performance Ma elease.EMEA@momentiv	terials ve.com
This document is generated by electronic means are therefore does not need to be signed.	nd			acification referenced by the

This document is garned to be signed.

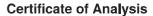
It is hereby stated that the meterial above has been inspected and tested in accordance with the conditions and requirements of our specification referenced by the Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials Technical Delivery Term(TDT) above.

MOMENTIVE"

Insp. certificate "3.1" EN 10204

	RIGINAL			
elivery Address: yoo Electronics Hungary Termelo Kf	Print Dato 2021.09.	01	Page 2/	2
MP út 2 500 ESZTERGOM UNGARY		Order Number 265/27168	8927	
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Sales Orde 4785184		(a)	
ertificate Recipient Yoo Electronics Hungary Termelo Kf Contact Person: Szilvia Ondok	Delivery No 8844034	umber 12/900001		
ontact Person. Szilvia Olidok	Shipment I	Number		
	Container	Number		
Product Name : 7056 LSR 3485/35 - drum	kit (400kg)			
Customer code :	om its obligation	to inspect go	oods upon receipt. This	s shall a least include
This confirmation does not relieve your company fr visual check of the product's identity such as production damage as well as visual inopoction				Use before
Batch 21HLVL334			2021.08.23	2023.02.14
Characteristic	Unit	Result	Lower Limit	Upper Limit
Tensile strength	N/mm2	9,2	5,5	
Method QM01 MECH0005 / 1				
Wethod DMD1 MECHOUUS / I				
DIN 53504 S-2 Tensile Strength Hardness Shore A		32	29	38
DIN 53504 S-2 Tensile Strength Hardness Shore A Method QM01, MECH0000 / 3		32	29	
DIN 53504 S-2 Tensile Strength Hardness Shore A Method QN01 MECH0008 / 3 ISO 48-4 BU-Q 30.043 Density	g/cm3	32 1,115	29 1,090	38 1,130
DIN 53504 S-2 Tensile Strength Hardness Shore A Method QN01 MECH0008 / 3 ISO 48-4 BU-Q 30.043 Density Mcthod QM01 DENSO003 / 2 ISO 1183 Tear strength Crescent	g/cm3 N/mm			
DIN 53504 S-2 Tensile Strength Hardness Shore A Method QN01 MECH0008 / 3 ISO 48-4 BU-Q 30.043 Density Mothod QM01 DENSO003 / 2 ISO 1183 Tear strength Crescent Method QM01 MECH0006 / 1		1,115	1,090	1,130
DIN 53504 S-2 Tensile Strength Hardness Shore A Method QN01 MECH0000 / 3 ISO 48-4 BU-Q 30.043 Density Method QM01 DENSO003 / 2 ISO 1183 Tear strength Crescent Method QM01 MECH0006 / 1 ASTM D 624-B Tear Strength Oilcontent		1,115	1,090	
DIN 53504 S-2 Tensile Strength Hardness Shore A Method QN01 MECHOOOS / 3 ISO 48-4 BU-Q 30.043 Density Method QN01 DENSO003 / 2 ISO 1183 Tear strength Crescent Method QN01 MECHOOO6 / 1 ASTM D 624-B Tear Strength Oilcontent Compression Set B-Stage Method QN01 MECHOOO7 / 3 Compression Set 22h 175°C DIN 150 615 BU-	N/mm % %	1,115 24.0 3,9	1,090	1,130 4,0
DIN 53504 S-2 Tensile Strength Hardness Shore A Method QN01 MECH0000 / 3 ISO 48-4 BU-Q 30.043 Density Method QM01 DENSO003 / 2 ISO 1183 Tear strength Crescent Method QM01 MECH0006 / 1 ASTM D 624-B Tear Strength Oilcontent Compression Set B-Stage	N/mm % %	1,115 24.0 3,9	1,090	1,130
DIN 53504 S-2 Tensile Strength Hardness Shore A Method QN01 MECHOOOS / 3 ISO 48-4 BU-Q 30.043 Density Mcthod QM01 DENSO003 / 2 ISO 1183 Tear strength Crescent Method QM01 MECH0006 / 1 ASTM D 624-B Tear Strength Oilcontent Compression Set B-Stage Method QM01 MECH0007 / 3 Compression Set 22h 175°C DIN 180 815 BU-	N/mm % % -Q 30.041	1,115 24.0 3,9 19	1,090 10.0 3,8	1,130 4,0 30
DIN 53504 S-2 Tensile Strength Hardness Shore A Method QN01 MECHOOOS / 3 ISO 48-4 BU-Q 30.043 Density Method QM01 DENSOOOS / 2 ISO 1183 Tear strength Crescent Method QM01 MECHOOOS / 1 ASTM D 624-B Tear Strength Oilcontent Compression Set B-Stage Method QM01 MECHOOO7 / 3 Compression Set 22h 175°C DIN 180 615 BU-	N/mm % % -Q 30.041	1,115 24.0 3,9 19	1,090	1,130 4,0 30

It is hereby stated that the meterial above has been inspected and tested in accordance with the conditions and requirements of our specification referenced by the Momentive Performance Materials Technical Delivery Term(TDT) above. The reported properties are a summary of the lot data on file at Momentive Performance Materials, drawn from complete lot. Deviations as a result of standard production variables may occur. This document is subject to our general terms of sale.





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

Fax No 003250832450

TE Connectivity Belgium BVBA

2021-09-01

SIEMENSLAAN 14

RBU Performance Materials Europe

8020 OOSTKAMP

Certificate No 4539

België

Inspection Certificate 3.1 according to EN 10204

ULTRAMID® A3EG3 UNCOLORED Materia	50034315
POLYAM I DE Order	3384482084 000010
25KG PLASTIC FILM BAGS Delivery	3194975116 000010
Purchase Order/Customer Product# Lot	04193764A0
2550129808 Lot/Qty	1000 . 000 KG
705248 - 1 Total	1000 . 000 KG
Transpo	ort B-CW 919 / WUN-JV 20

Characteristic Method	Specification	Result	Unit	
Viscosity number acc.to ISO 307 (Sulfur	,			
	130 - 160	144	ml/g	
Moisture content				
ISO 15512				
	max.0, 15	0, 06	%	
Reinforcing filler (glas	s / mineral)			
ISO 3451	,			
	13,0 - 17,0	15, 2	%	
The above results are me samples taken during pro Dr.Axel Ebenau, inspecti	duction of the lot.	est values determi	ned on	

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.





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Fax No 003633540232

Tyco Electronics Hungary

Termelő Kft. AMP út. 2

2021-09-06

2500 Esztergom

RBU Performance Materials Europe

Certificate No 4861

Magyarország

Inspection Certificate 3.1 according to EN 10204

ULTRAMID® B3ZG3 LS BLACK 23189	Material	50388383
POLYAMIDE	Order	3385029601 000070
1000KG Fibreboard IBC	Delivery	3194991807 000070
Purchase Order/Customer Product#	Lot	50610667J0
2550185685	Lot/Qty	6000 . 000 KG
1573118-4	Tota l	6000 . 000 KG

Characteristic Method				
	Specification	Result	Unit	
Vicesity number				
Viscosity number	urio ocid)			
acc.to ISO 307 (Sulfu	,	404	7.4	
	142 - 178	161	ml/g	
Moisture content				
ISO 15512				
	max.0, 15	0, 08	%	
Reinforcing filler (gla	iss / mineral)			
ISO 3451	,			
	13,0 - 17,0	14, 8	%	
Laser printability Nd: Y according to BASF met	'AG laser	, -		

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.