

Part Name <u>PLG WIR CONN</u>		Cust. Part Number <u>LU5T-14A666-BMA</u>	
Shown on Drawing No. <u>LU5T-14A666-BMA</u>		Org. Part Number <u>7173-4532-40</u>	
Engineering Change Level <u>A6 / AELE-E-11784007-567</u>		Dated <u>15/01/2019</u>	
Additional Engineering Changes <u>N/A</u>		Dated <u>N/A</u>	
Safety and/or Government Regulation ☐ Yes ☒ No		Purchase Order No. <u>N/A</u> Weight (kg) <u>0,0001</u>	
Checking Aid No. <u>N/A</u> Checking Aid Engineering Change Level <u>N/A</u>		Dated <u>N/A</u>	
ORGANIZATION MANUFACTURING INFORMATION		CUSTOMER SUBMITTAL INFORMATION	
YAZAKI EUROPE LTD <u>323047696</u>		NURSAN	
Organization Name & Supplier/Vendor Code		Buyer/Buyer Code	
Richard-Byrd-Strasse 4-6a		FORD	
Street Address			
Cologne	NRW	D-50829	Germany
City	Region	Postal Code	Country
MATERIALS REPORTING			
Has customer-required Substances of Concern information been reported?		☒ Yes ☐ No ☐ n/a	
Submitted by IMDS or other customer format:		IMDS	
		IMDS ID: 1117712178 / 1	
Are polymeric parts identified with appropriate ISO marking codes?		☐ Yes ☐ No ☒ n/a	
REASON FOR SUBMISSION (Check at least one)			
☐ Initial submission		☐ Change to Optional Construction or Material	
☐ Engineering Change(s)		☐ Supplier or Material Source Change	
☒ Tooling: Transfer, Replacement, Refurbishment, or additional		☐ Change in Part Processing	
☐ Correction of Discrepancy		☐ Parts produced at Additional Location	
☐ Tooling Inactive > than 1 year		☐ Other - please specify below	
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 organization's manufacturing location.			
SUBMISSION RESULTS			
The results for ☒ dimensional measurements ☒ material and functional tests		☐ appearance criteria ☐ statistical process package	
These results meet all drawing and specification requirements: ☒ Yes		☐ NO (If "NO" - Explanation Required)	
Mold / Cavity / Production Process <u>Y-3 / 32 OF 32 / MOLDING</u>			
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 13413 / 8 hours.			
I also certify that documented evidence of such compliance is on file and available for review. I have noted any deviations from this declaration below.			
EXPLANATION/COMMENTS: <u>According with CECI-O-24-088</u>			
Is each Customer Tool properly tagged and numbered? ☐ Yes ☐ No ☒ n/a			
Organization Authorized Signature <u>Graça Ferreira</u>		Date <u>12 February 2025</u>	
Print Name <u>Graça Ferreira</u>		Phone No. _____ FAX No. _____	
Title <u>QE</u>		E-mail <u>tdc@yazaki-europe.com</u>	
FOR CUSTOMER USE ONLY (IF APPLICABLE)			
PPAP Warrant Disposition: ☐ Approved ☐ Rejected ☐ Other _____			
Customer Signature _____		Date _____	
Print Name _____		Customer Tracking No. (optional) _____	

SUPPLIER/PROVEEDOR:	YCC
INSP. FACILITY/PLANTA DE INSP.:	YCC
ENG.LEVEL/NIVEL DE ING.:	A6
Nº. OF CAVITIES/No DE CAVIDAD:	32 OF 32
DRAWING/PLANO:	CUSTOMER FORD
DIE No./No. DE DADO-MOLDE:	Y-3

YCC CONTROL NUMBER:	2409-3210
CUSTOMER PART No./No. PARTE DEL CLIENTE:	LUST-14A666-BMA
YAZAKI PART No./No. PARTE YAZAKI:	7173-4532-40
PART NAME/NOMBRE DE PARTE:	0.64mm FEMALE MAT SEAL
CAVITY PLUG	

ITEM No/ DIM. No.		SPEC / ESPECIFICACION			SUPPLIER MEASUREMENT/RESULTADOS DIMENSIONALES.								Date/ Fecha	Inspect by/ Inspec. Por	Equipo / Equipment	Dev./ Des.	OK	NOT OK
		DIMENSION	- TOL.	+ TOL.	CAV. 9	CAV. 10	CAV. 11	CAV. 12	CAV. 13	CAV. 14	CAV. 15	CAV. 16						
1	T	3.00	0.30	0.30	2.93	2.94	2.95	2.95	2.95	2.99	2.96	2.99	09/19/24	C. Gonzales	SS-ACC016		*	
	B				2.94	2.97	2.96	2.98	2.98	2.98	2.94	2.96	09/19/24	C. Gonzales	SS-ACC016		*	
2		15.20	0.50	0.50	15.26	15.28	15.25	15.27	15.27	15.26	15.28	15.28	09/19/24	C. Gonzales	MD-ACC036		*	
3	T	6.00	0.30	0.30	6.02	6.02	6.03	6.02	6.02	6.01	6.02	6.01	09/19/24	C. Gonzales	SS-ACC016		*	
	B				6.00	6.05	6.04	6.00	6.00	6.03	6.00	6.02	09/19/24	C. Gonzales	SS-ACC016		*	
4		R 0.50	0.20	0.20	0.37	0.39	0.37	0.36	0.36	0.37	0.35	0.35	09/19/24	C. Gonzales	SS-ACC016		*	
5		Ø 2.25	0.10	0.10	2.25	2.23	2.23	2.27	2.25	2.25	2.24	2.26	09/19/24	C. Gonzales	SS-ACC016		*	
6	IN	Ø 1.50	0.15	0.15	1.49	1.51	1.51	1.50	1.50	1.50	1.49	1.51	09/19/24	C. Gonzales	SS-ACC016		*	
	X				1.48	1.51	1.51	1.51	1.51	1.49	1.51	1.49	09/19/24	C. Gonzales	SS-ACC016		*	
	Y				1.49	1.50	1.51	1.52	1.50	1.49	1.49	1.50	09/19/24	C. Gonzales	SS-ACC016		*	
	OUT				1.51	1.51	1.52	1.52	1.51	1.51	1.51	1.50	09/19/24	C. Gonzales	SS-ACC016		*	
	X				1.50	1.52	1.51	1.51	1.51	1.51	1.51	1.51	09/19/24	C. Gonzales	SS-ACC016		*	
	Y				1.52	1.51	1.52	1.52	1.52	1.52	1.51	1.51	09/19/24	C. Gonzales	SS-ACC016		*	

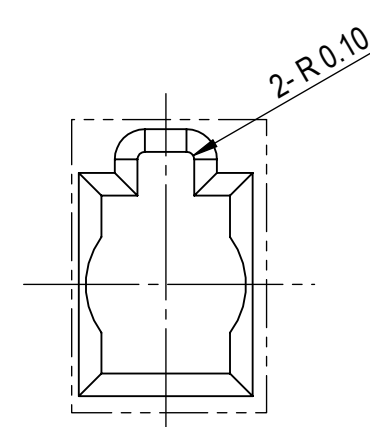
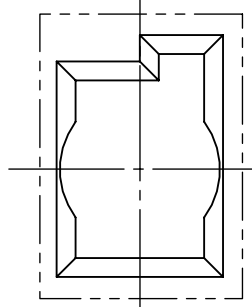
Notes/Notas:

DT

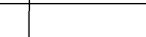
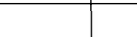
Review By/ Revisado Por: V.PORTILLO

Approved By /Aprobado Por: A.MONDRAGON

[illegible]

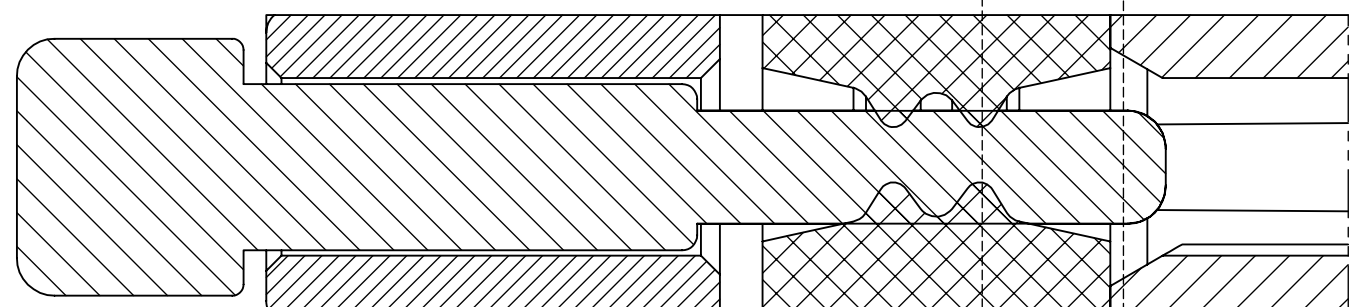


GENERAL TOLERANCE											
	10MAX	50MAX	100MAX	250MAX	250OVR	R5 MAX	R10 MAX	R20 MAX	R20 OVR	ANGLE	ECCEN
(A)	±0.15	±0.20	±0.3	±0.50	±0.75					±3°	0.10
B	±0.20	±0.30	±0.55	±0.95	±1.40	±0.20	±0.30	±0.50	±2.50	±3°	0.10
C	±0.30	±0.50	±0.8	±1.40	±2.00					±3°	0.15

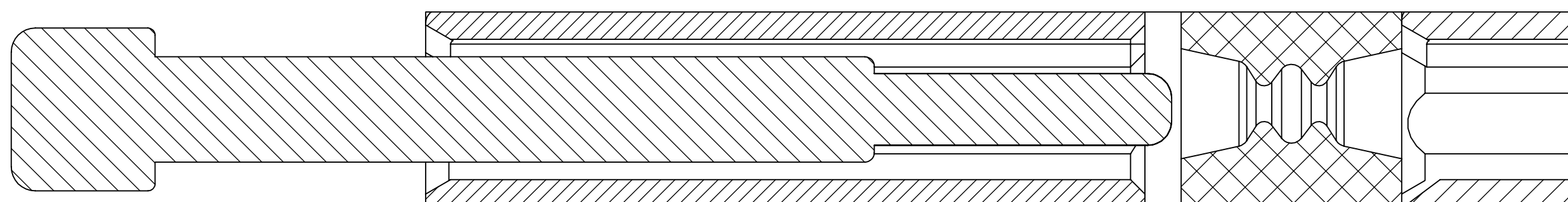
YAZAKI NORTH AMERICA, INC.			
APPROVED	CHECKED	CHECKED	DRAWN
jeremy.gagnon@yazaki.com 	 James Littek 2019.02.21 11:23:26 -0500	 MICHELLE SANTILLAN	
DATE	DATE	DATE	02-20-2019

A technical drawing of a shaft-hub assembly. The shaft is shown on the left, with a keyway cut into its surface. The hub is shown on the right, with a corresponding keyway. The key is shown in the center, fitting into the keyway of the shaft. The drawing uses standard engineering conventions, including hatching to indicate different materials or sections.

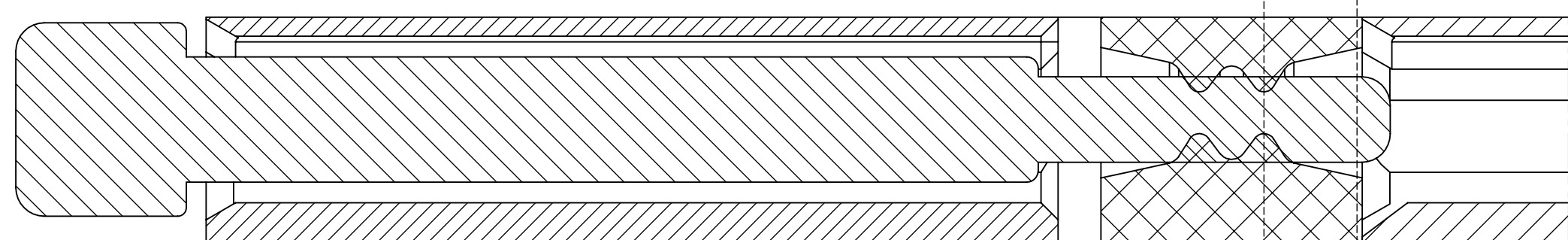
SEALING RIB MUST BE POSITIONED TO ENSURE 1.00mm MIN. OVERTRAVEL WITH SEALING SURFACE.



MALE CAVITY FUNCTION
LU5T-14A666-BNA
(10/1)



SEALING RIB MUST BE POSITIONED TO ENSURE 1.00mm MIN. OVERTRAVEL WITH SEALING SURFACE.



PLUG POSITION IN FULL-SET POSITION



YAZAKI NORTH AMERICA 734-983-1000
6801 HAGGERTY RD. CANTON MI 48187

ENG APP	SEE APPROVAL BOX	APP DATE	SEE APPROVAL BOX
GSDb CODE	SUPPLIER PART NUMBER		
Y230	7173-4532-40		

REFERENCE 52P SEAL ED 0.64mm CONN (MAT SEAL CAVITY PLUG)

PART MUST COMPLY WITH RESTRICTED SUBSTANCE MANAGEMENT STANDARD
WSS M00R0000 A1 TO SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT

DRAFTED IN ACCORDANCE WITH FORD MOTOR COMPANY



3RD ANGLE PROJECTION
DIMENSIONS ARE IN MILLIMETERS

CAD TYPE	CAD LOC.	CAD FILE	DTM
SOLIDWORKS	N/A	7173-4532-40-UF	IS MASTER
OPER. NO.	UNIT	DRAWING	

STATION NO.	DATE	DRAWING	
N/A	N/A	LU5T-14A666-BMA	
DESIGN	DETAIL	TITLE	SHT

DODGE	SANTILLAN	PLG WIR CONN	OF
CHECKED	SAFETY		N/A
GAGNON	N/A		

SCALE 10/1	DATE 20180914	DIVISION	T563
		PLANT	

 FORD MOTOR COMPANY

PARENT ITEM : 7173-4532-40 ECN : F1:ECN INQUIRY
FUN : 0.64MM MAT SEAL CAVITY PLUG (M

LEVEL	SF	CHILD ITEM	T	O	DEP	LIN	QUANTITY REQUIRED	UOM	DATE EFFEC.	DATE DISC.
01		BAGPLA013	7	2	PUR	CMP	000.00100	EA	181203	000000
		BOLSA PLASTICO 15X25 CM								
01		BOXCOR004	7	2	PUR	CMP	000.00025	EA	181203	000000
		14 11/16X10 1/4X7 3/4 1/2BX								
01		CON-PLA-001	7	2	PUR	CMP	000.00050	EA	181022	000000
		CON PLAS NO 1(48X38X10.4)CM								
01		LAB-PAP-001	7	2	PUR	CMP	000.00025	EA	181203	000000
		ETIQUETA PARA CAJA								
01		LAB-PAP-002	7	2	PUR	CMP	000.00100	EA	181203	000000
		PAPER LABEL								
01		PALWOO001	7	2	PUR	CMP	000.00025	EA	190711	000000
		47X44X4X 1/2 IN SIZE B PALLET								
01		TAPPLA001	7	2	PUR	CMP	000.00050	EA	190619	000000
		SHUR TAPE 2"X100 M								

FUN = 'BLANK' DISPLAYS ACTIVE ITEM ONLY ALL: DISPLAY ALL ITEM
ROLL CMD3: END CMD7: WHERE USED INQUIRY

PARENT ITEM : 7173-4532-40

ECN : F1:ECN INQUIRY

FUN : 0.64MM MAT SEAL CAVITY PLUG (M

LEVEL	SF	CHILD ITEM	T	O	DEP	LIN	QUANTITY REQUIRED	UOM	DATE EFFEC.	DATE DISC.
01		854300441058	3	3	F00	CMP	000.00043	KG	181022	000000
		PF PBT CRAS CE2560 NC010				GRAY				
02		85430044	4	2	PUR	CMP	000.98000	KG	150130	000000
		PF PBT CRAS CE2560 NC010				NATUR				
02		87091058	4	2	PUR	CMP	000.02000	KG	150130	000000
		NB72620047 GRAY PBT-G								

FUN = 'BLANK' DISPLAYS ACTIVE ITEM ONLY ALL: DISPLAY ALL ITEM

ROLL CMD3: END CMD7: WHERE USED INQUIRY

**To:**

YAZAKI COMPONENTES DE MEXICO
ISHIKAWA 400
31170 CHIHUAHUA-PARQUE INDUSTRIAL SUPRA
MEXICO

EM Certification Department
Celanese Corporation
222 W Las Colinas Blvd,
Irving, TX 75039 PARAGRAPH AS

Type 4 Certificado de Análisis

CRASTIN® CE2560 NC010 25 KG BAG POLYESTER RESIN

No parte cliente: 85430044
No fórmula: CE2560
Catalogo: 27042342
No Color: NC010
Fe.fabricación: 23 Julio 2024

Fecha de Impresión: 23 Sept. 2024
Ctd enviada: 1,000.000 KG
Pos/fecha pedido: 3045614 30 / 12 Sept. 2024
Pos/fecha entrega: 89834937 900017 / 23 Sept. 2024
Cuenta #: 2806569
PO del Cliente: K1240011773

Batch 0002035720

Referente a lo arriba mencionado, la presente le avisa que se trata de un producto estándar que satisface los siguientes requisitos:

SPECIFICATIONS: STANDARD SPEC

DATOS LIBERACION LOTE	UM	Valor	Límite
Ash Content (ISO 3451)	%(masa)	14.4	13.0 - 17.0
Melt Visc. (scanning)@1000/s (ISO 11443)	Pascal sec	200	100 - 300
Water Content (DIN ISO 15512)	%(masa)	0.01	max. 0.10

Se determinan los datos del test empleando los procedimientos de verificación estándares ISO y/o ASTM.

POLYESTER Global Business Line



Elcom Inc
COA recipient
18 Leigh Fisher
EL PASO TX 79906

C e r t i f i c a t e o f A n a l y s i s

Date: 09/19/2024
Page: 1 / 1

Your order from 08/30/2024
Order No. : K1240011604
Material No. : 87091058
Delivery no./Pos. : 53855446 / 900001
Order : 15866994
Material : GYB877 PBT CRASTIN CE2533
Old Material No. : NB72620047
Material-no. : NB72620047
Batch No. : USPH050361
Quantity : 476.272 KG

On the batch, of which the consignment is a part, the following values were determined.

Inspection characteristic/-method	Specification	Result
COLOR - VISUAL		Pass
Da		-0.08 CIELAB
Db		-0.40 CIELAB
DE	0.00 - 1.00	0.70 CMC
DL		-1.21 CIELAB
BULK DENSITY		1.25 g/ml
Date of production		09/12/2024

The above particulars do not release the customer from the obligation to carry out an inspection of goods received.

This report does not require a signature.
Management System Certified according to ISO 9001, ISO 14001 and OHSAS 18001