

Part Name	<u>0.64mm MALE MAT SEAL CAVITY PLUG</u>	Cust. Part Number	<u>LU5T-14A666-BNA</u>
Shown on Drawing No.	<u>LU5T-14A666-BMA</u>	Org. Part Number	<u>7173-4533</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

YAZAKI EUROPE LTD 323047696

Organization Name & Supplier/Vendor Code

Richard-Byrd-Strasse 4-6a

Street Address

Cologne NRW D-50829 Germany

City Region Postal Code Country

CUSTOMER SUBMITTAL INFORMATION

NURSAN

Buyer/Buyer Code

FORD

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: 1117711749 / 2

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
☐ Supplier or Material Source Change
☐ Change in Part Processing
☐ Parts produced at Additional Location
☐ 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 packageThese results meet all drawing and specification requirements: ☒ Yes ☐ NO (If "NO" - Explanation Required)

Mold / Cavity / Production Process

Y-3 / 32 OF 32 / MOLDING

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 **46.080 / 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: According with CECI-O-24-079

Is each Customer Tool properly tagged and numbered?

☐ Yes ☐ No ☒ n/a

Organization Authorized Signature

Graça Ferreira

Date

21 October 2024

Print Name

Graça Ferreira

Phone No.

FAX No.

Title

QE

E-mail

tdc@yazaki-europe.com

FOR CUSTOMER USE ONLY (IF APPLICABLE)

PPAP Warrant Disposition:

☐ Approved ☐ Rejected ☐ Other

Customer Signature

Date

Print Name

Customer Tracking No. (optional)

SUPPLIER/PROVEEDOR:

INSP. FACILITY/PLANTA DE INSP.:

ENG.LEVEL/NIVEL DE ING.:

Nº. OF CAVITIES/Nº DE CAVIDAD:

DRAWING/PLANO:

DIE No./No. DE DADO-MOLDE:

YCC

YCC

A6

32 OF 32

TOMER FORD

Y-3

YCC CONTROL NUMBER:

CUSTOMER PART No./No. PARTE DEL CLIENTE:

YAZAKI PART No./No. PARTE YAZAKI:

PART NAME/NOMBRE DE PARTE:

2407-1017

LU5T-14A666-BNA

7173-4533

0.64mm MALE MAT SEAL

CAVITY PLUG

[illegible]

Notes/Notas:

DT

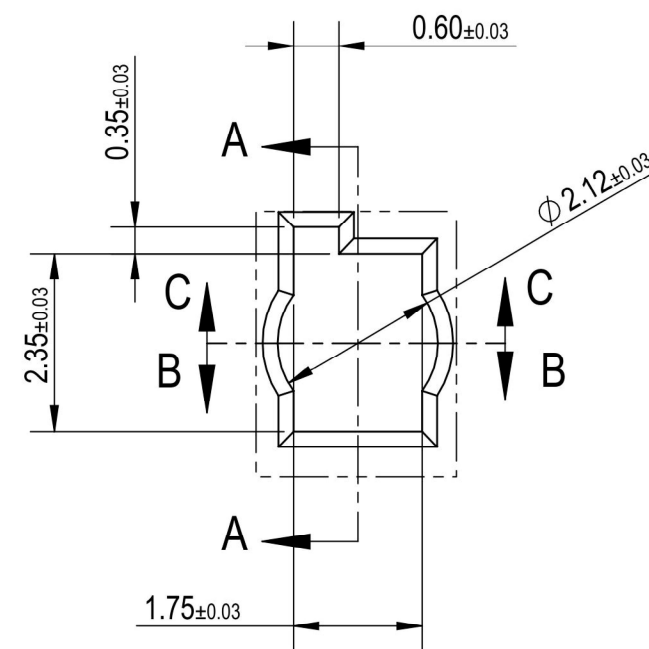
DATA TRANSFER FROM CONTROL NUMBER 2406-5097

Review By/ Revisado Por: I.VILLEZCAS

Approved By /Aprobado Por: C.VARGAS

[illegible]

COMPATIBLE FEMALE
MAT SEAL COVER DETAIL



SECTION B-B

SEALING AREA (MAT SEAL)

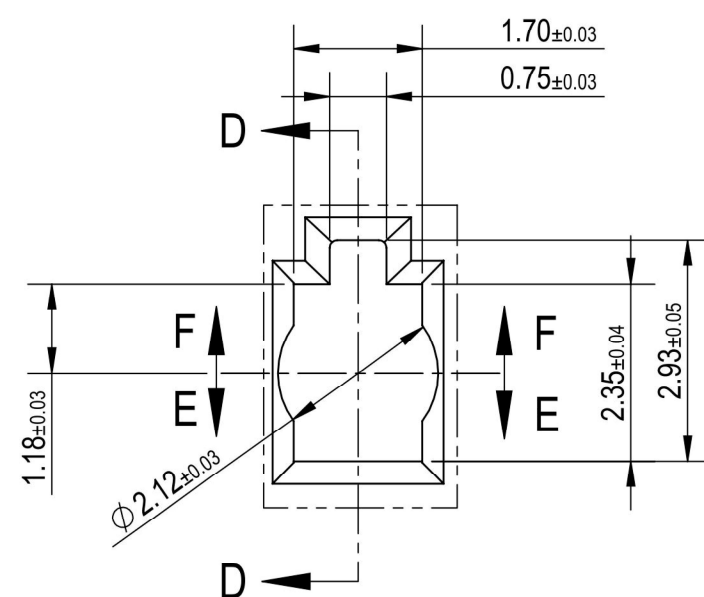
SECTION A-A

SEALING AREA (MAT SEAL)

SECTION C-C

SEALING AREA (MAT SEAL)

COMPATIBLE MALE
MAT SEAL COVER DETAIL



SECTION E-E

SEALING AREA (MAT SEAL)

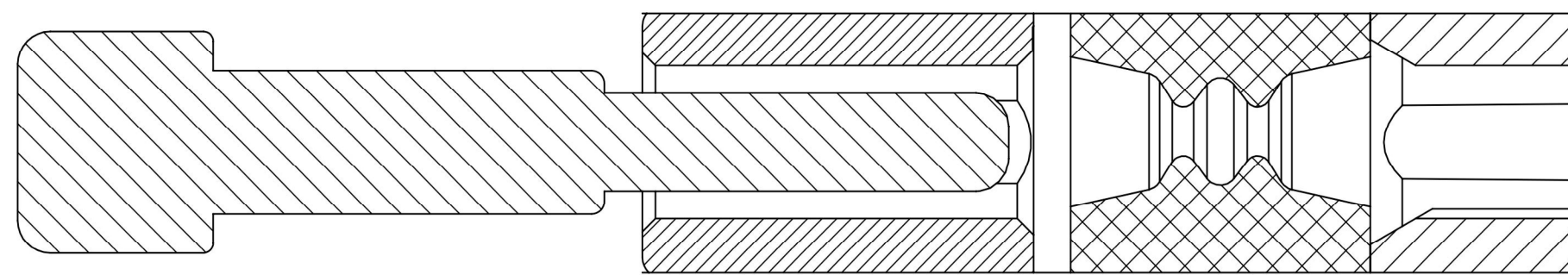
SECTION D-D

SEALING AREA (MAT SEAL)

SECTION F-F

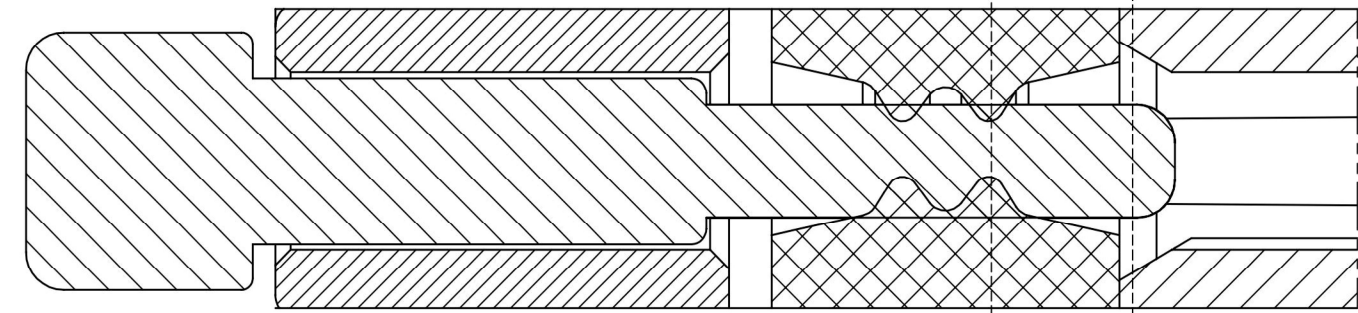
SEALING AREA (MAT SEAL)

FEMALE CAVITY FUNCTION
LU5T-14A666-BMA
(10/1)



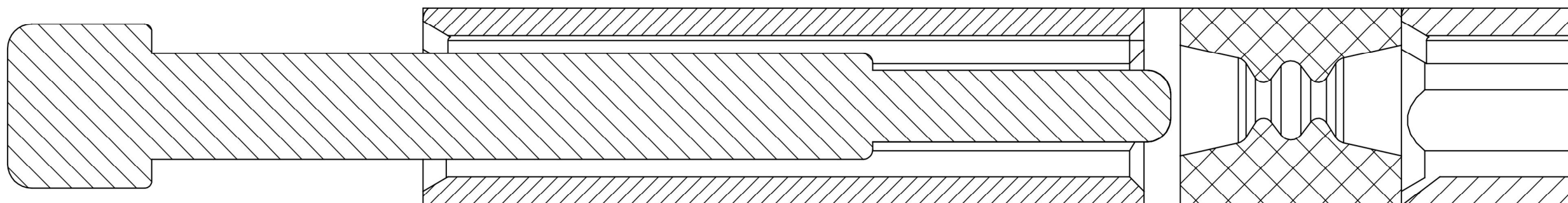
CAVITY PLUG PRIOR TO SEAL CONTACT

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



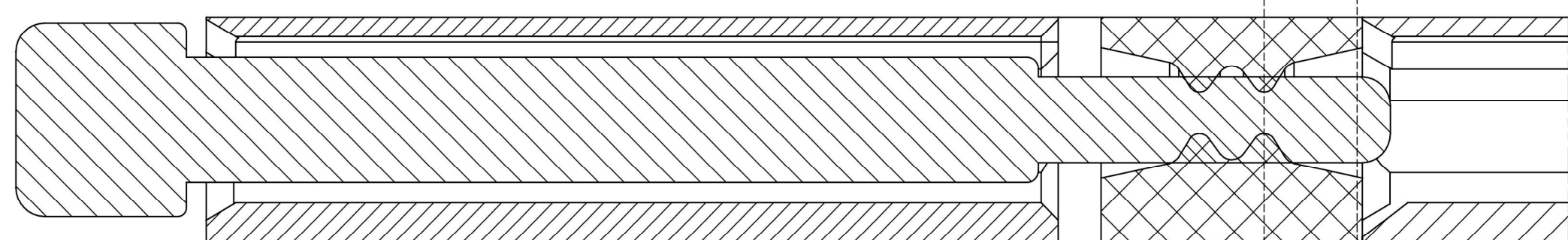
PLUG POSITION IN FULL-SET POSITION

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



CAVITY PLUG PRIOR TO SEAL CONTACT

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
GSDDB CODE	Y230	SUPPLIER PART NUMBER	7173-4532-40		

REFERENCE	52P SEALED 0.64mm CONN (MAT SEAL CAVITY PLUG)
PART MUST COMPLY WITH RESTRICTED SUBSTANCE MANAGEMENT STANDARD	
WSS-M99P9999-A1 TO SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT	
DRAFTED IN ACCORDANCE WITH FORD MOTOR COMPANY	
ENGINEERING CAD AND DRAFTING STANDARDS VERSION	3RD ANGLE PROJ. DIMENSIONS ARE IN MILLIMETERS

CAD TYPE	CAD LOC.	CAD FILE	DTM
SOLIDWORKS	N/A	7173-4532-40-JF	IS MASTER

OPER. NO.	UNIT	DRAWING	
N/A	N/A	LU5T-14A666-BMA	

DESIGN	DETAIL	TITLE	SHT
DODGE	SANTILLAN	PLG WIR CONN	2
CHECKED	SAFETY		OF 2
GAGNON	N/A		N/A

SCALE	DATE	DIVISION	
10/1	20180914	T563	
		PLANT	

FORD MOTOR COMPANY

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 - ANYONE USING THIS CAVITY SPEC MUST REPORT USAGE TO YAZAKI.
 - MATERIAL PBT-GF15.
 - THE SHOWN CAVITY SPECIFICATION CAN ONLY BE USED FOR REFERENCE AS THE MATERIAL FROM DIFFERENT MATERIAL SUPPLIERS HAS DIFFERENT MATERIAL PROPERTIES.

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

YAZAKI NORTH AMERICA, INC.			
APPROVED	CHECKED	CHECKED	DRAWN
Jeremy Gagnon syazaki.com	James Littek 2019.02.21 11:23:26 -0500		Michelle Santillan
DATE	DATE	DATE	02-20-2019

PARENT ITEM : 7173-4533 ECN : F1:ECN INQUIRY
FUN : 0.64MM MALE MAT SEAL CAVITY PL

LEVEL	SF	CHILD ITEM	T	O	DEP	LIN	QUANTITY REQUIRED	UOM	DATE EFFEC.	DATE DISC.
01		BAG-PLA-008	7	2	PUR	CMP	000.000005	EA	181023	000000
		70X80 CM BOLSA DE PLASTICO NAT								
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	000.000005	EA	181023	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		PALW00001	7	2	PUR	CMP	000.00025	EA	190711	000000
		47X44X4X 1/2 IN SIZE B PALLET								

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

PARENT ITEM : 7173-4533

ECN : F1:ECN INQUIRY

FUN : 0.64MM MALE MAT SEAL CAVITY PL

LEVEL	SF	CHILD ITEM	T	O	DEP	LIN	QUANTITY REQUIRED	UOM	DATE EFFEC.	DATE DISC.
01		TAPPLA001	7	2	PUR	CMP	000.00050	EA	190619	000000
		SHUR TAPE 2"X100 M								
01		85430044	4	2	PUR	CMP	000.00003	KG	181023	000000
		PF PBT CRAS CE2560 NC010				NATUR				

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

CHIHUAHUA WHSE
Ave. Zaragoza 2718
Zona Ind. Nombre de Dios
31104 CHIHUAHUA
MÉXICO

Type 4 Certificado de Análisis

CRASTIN® CE2560 NC010 25 KG BAG POLYESTER RESIN

No parte cliente:	85430044.. - M510017200	Fecha de Impresión:	29 Junio 2024
No lote:	0001961436	Ctd enviada:	4,000.000 KG
No fórmula:	CE2560	Pos/fecha pedido:	2994205 30 / 20 Junio 2024
Catalogo:	27042342	Pos/fecha entrega:	89692026 900015 / 29 Junio 2024
No Color:	NC010	Cuenta #:	2806569
Producido en:	WASHINGTON, WV, USA	PO del Cliente:	K1240011128

Batch 0001961436

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	177	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.

División de actividades global Polyester