

Part Name	TERMINAL	Cust. Part Number	F4SB-14474-NA
Shown on Drawing No.	7116-1232:UF	Org. Part Number	7116-1232
Engineering Change Level	C93-A011	Dated	18-01-1993
Additional Engineering Changes	N/A	Dated	N/A
Safety and/or Government Regulation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Purchase Order No.	N/A
Weight (kg)	0.0005		
Checking Aid No.	N/A	Checking Aid Engineering Change Level	N/A
Dated	N/A		

ORGANIZATION MANUFACTURING INFORMATION

YAZAKI EUROPE LTD

Organization Name & Supplier/Vendor Code

Robert Bosch Strasse., 43

Street Address

Cologne	NRW	D-50769	Germany
City	Region	Postal Code	Country

CUSTOMER SUBMITTAL INFORMATION

NURSAN OTOMOTIV BULGARIA Ltd.

Customer Name/Division

Buyer/Buyer Code

FORD

Application

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: 142232417

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
customer request

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 **1D1232**

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 **172.800** / 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:

Is each Customer Tool properly tagged and numbered?

☐ Yes ☐ No ☒ n/a

Organization Authorized Signature

Dorinda SantosDate **24 October 2011**

Print Name

Dorinda Santos

Phone No.

351 256 246 763

FAX No.

351 256 246 892

Title

QE

E-mail

dorinda.santos@yazaki-europe.com

FOR CUSTOMER USE ONLY (IF APPLICABLE)

PPAP Warrant Disposition: ☐ Approved ☐ Rejected ☐ Other

Customer Signature

Date

Print Name

Customer Tracking No. (optional)

Sample Component Inspection Report

CUSTOMER PART NO.
CUSTOMER

F4SB-14474-NA

FORD

[illegible]

7116-1232

W-TYPE TERMINAL FEMALE

SUPPLIER

Circuit Controls

B/P DATE

3/9/93

DIE/MOLD NO.

1D1232

ECR/PCR

NB00-E-10267266-000

NUMBER CAVITIES

Progressive Die

☒ PRODUCTION

PROTOTYPE

[illegible]

Inspected By:
Q.E. Approval:

M. Simowski
Gary T. Mason

Date: 2/03/11
Date: 2/9/11

10N085

CERTIFICATION REPORT

LUVATA

SOLD TO CIRCUIT CONTROLS CORP. 2277 M-119 HIGHWAY PETOSKEY, MI 49770		SHIP TO CIRCUIT CONTROLS CORP. 2277 M-119 HIGHWAY PETOSKEY, MI 49770		ENTRY - BOL 04693-360414
				ALLOY 260
PRODUCT DESCRIPTION 6.1250 .01260 H05 YELLOW BRASS STRIP *BET* P/N 2724-3100-2450 DATED 3/14/03 (.9646)		QUANTITY ORDERED PCS. LBS. 999000	PCS. 1 LBS. 2204 DATE 12/4/2010 TIME 9:06:10 AM	CUSTOMER ORDER NO. OUTO-3/PULL GOVT CONTRACT NO.

COIL NUMBER	736604AF	736604AB				
COMPOSITION - %						
Copper	69.39	69.39				
Zinc	30.57	30.57				
Lead	.002	.002				
Iron	.017	.017				
PROPERTIES						
Tensile Str. (N/mm ²)	534.3	534.3				
Elongation (%) in 2 inches	10.5	10.5				
Grain Size (RTF) in mm	.005	.005				
Vickers	170	170				
Bend Test (L)	OK	OK				
Bend Test (T)	OK	OK				
Elec. Cond. (%) IACS	26.7	26.7				
RA Side-A (µin)	8	8				
RA Side-B (µin)	8	8				
Coating Thickness (µin)	49.00	48.00				

WE HEREBY CERTIFY that these test results were obtained from samples taken from coil(s), which were produced for the purchase order stated. These samples have been subjected to the tests called for by the customer and /or ASTM specification(s).

This product was manufactured in compliance with all applicable government and safety constraints on restricted, toxic, and hazardous materials and complies to the Restriction of Hazardous Substances Directive (RoHS) 2002/95/EC and the Consumer Product Safety Improvement Act of 2008.

Luvata Buffalo, Inc. product Material Safety Data Sheets (MSDS) provides component information for all hazardous materials in conformance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Thomas C. Pilkington

Technical Department

