

Part Name <u>TERMINAL</u>		Cust. Part Number <u>EU5T-14474-HAA</u>	
Shown on Drawing No. <u>97BG-14474-CDA</u>		Org. Part Number <u>7116-7142-06</u>	
Engineering Change Level <u>K7/AELE-E-11784007-562</u>		Dated <u>05/12/2018</u>	
Additional Engineering Changes <u>N/A</u>		Dated <u>N/A</u>	
Safety and/or Government Regulation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Purchase Order No. <u>N/A</u>	Weight (kg) <u>0,0011</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		Customer Name/Division	
Richard-Byrd-Strasse 4-6a			
Street Address		Buyer/Buyer Code	
Cologne	NRW	D-50829	Germany
City	Region	Postal Code	Country
		FORD	
		Application	
MATERIALS REPORTING			
Has customer-required Substances of Concern information been reported?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> n/a	
Submitted by IMDS or other customer format:		IMDS	
		IMDS ID: 186107190/1	
Are polymeric parts identified with appropriate ISO marking codes?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a	
REASON FOR SUBMISSION (Check at least one)			
<input type="checkbox"/> Initial submission	<input type="checkbox"/> Change to Optional Construction or Material		
<input type="checkbox"/> Engineering Change(s)	<input type="checkbox"/> Supplier or Material Source Change		
<input type="checkbox"/> Tooling: Transfer, Replacement, Refurbishment, or additional	<input type="checkbox"/> Change in Part Processing		
<input type="checkbox"/> Correction of Discrepancy	<input type="checkbox"/> Parts produced at Additional Location		
<input type="checkbox"/> Tooling Inactive > than 1 year	<input checked="" type="checkbox"/> Other - please specify below		
Customer Request			
REQUESTED SUBMISSION LEVEL (Check one)			
<input type="checkbox"/> Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer.			
<input checked="" type="checkbox"/> Level 2 - Warrant with product samples and limited supporting data submitted to customer.			
<input type="checkbox"/> Level 3 - Warrant with product samples and complete supporting data submitted to customer.			
<input type="checkbox"/> Level 4 - Warrant and other requirements as defined by customer.			
<input type="checkbox"/> Level 5 - Warrant with product samples and complete supporting data reviewed at organization's manufacturing location.			
SUBMISSION RESULTS			
The results for <input checked="" type="checkbox"/> dimensional measurements <input checked="" type="checkbox"/> material and functional tests <input type="checkbox"/> appearance criteria <input type="checkbox"/> statistical process package			
These results meet all drawing and specification requirements: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> NO (If "NO" - Explanation Required)			
Mold / Cavity / Production Process		<u>2D4140</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 115,200 / 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? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a			
Organization Authorized Signature <u>Telmo Oliveira</u>		Date <u>07 February 2023</u>	
Print Name <u>Telmo Oliveira</u>	Phone No. <u>+351 256 245 544</u>	FAX No. _____	
Title <u>QE</u>	E-mail <u>telmo.oliveira@yazaki-europe.com</u>		
FOR CUSTOMER USE ONLY (IF APPLICABLE)			
PPAP Warrant Disposition: <input type="checkbox"/> Approved <input type="checkbox"/> Rejected <input type="checkbox"/> Other _____			
Customer Signature _____		Date _____	
Print Name _____	Customer Tracking No. (optional) _____		

Sample Component Inspection Report

CUSTOMER PART NO.

CUSTOMER

EU5T-14474-HAA

FORD

7116-7142-06

TRMNL WIR SNP ON FEM

12/5/18

SUPPLIER

Circuit Controls

DIE/MOLD NO.

2D4140

AELE-E-11784007-562

NUMBER CAVITIES

Progressive Die

☒ **PRODUCTION**

☐ **PROTOTYPE**

[illegible]

Inspected By:
Q.E. Approval:

Roger Gillian
Gary T. Mason

Date: 10/19/22
Date: 10/25/22

23A194

CERTIFICATION REPORT



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
39868-462922

ALLOY
KLF5

PRODUCT DESCRIPTION
1.3858 .01570
H04 PHOS BRONZE KLF-5 STRIP
P/N 1794-4000-3520 DATED 11/23/10

QUANTITY ORDERED

PCS.

LBS. 999003

PCS. 1

LBS. 1450

DATE 1/24/2023

TIME 8:46:24 AM

CUSTOMER ORDER NO.

OUTO-3/PULL

GOVT CONTRACT NO.

COIL NUMBER	461484						MIN	MAX
COMPOSITION - %								
Copper	97.73						REM	
Iron	.090						.08	.12
Phosphorous	.033						.025	.040
Tin	2.05						1.8	2.2
PROPERTIES								
Tensile Str. (N/mm ²)	570						541	640
Elongation (%)	8.9						8.0	
Grain Size (RTF) in mm	.010							.020
Vickers	180						170	200
Bend Test (L)	OK							180
Bend Test (T)	OK							180
Elec. Cond. (%) IACS	37.30						30.00	40.00
RA Side-A (µm)	.12							.20
RA Side-B (µm)	.13							.20
Spring Limit (N/mm ²)	514.6						440.7	540.0
Gauge in mm	.396						.390	.410

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 RoHS 3 (EU Directive 2015/863) and the Consumer Product Safety Improvement Act of 2008.

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

Technical Department - Lawrence Wypij

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