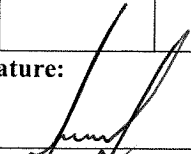

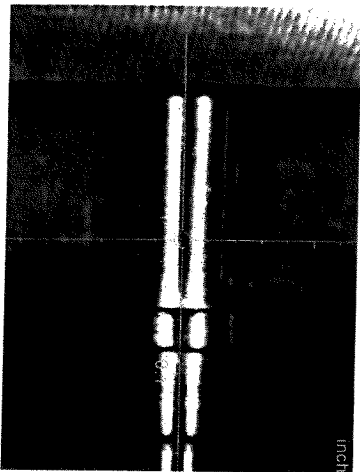


1. Part Number 0462-005-20141 (REF. P/N: CID-2016-A0988)				2. Part Name CONTACT, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, #2016			3. Serial Number N/A	4. FAIR Number TRI-19-692591
Characteristic Accountability				Inspection / Test Results				
5. Char No.	6. Reference Location	7. Characteristic Designator	8. Requirement	9. Results	10. Designed/Qualified Tooling	11. Non-Conformance Number	14. Additional Data / Comments NOTE: ALL DIMENSIONS SHOWN ARE IN INCHES, AFTER PLATING AND ASSEMBLY	
1	SHEET 1	N/A	Ø.077 ± .005	Ø .076	CALIPER	N/A		
2	SHEET 1	N/A	DEUTSCH ID	CONFORMED	N/A	N/A		
3	SHEET 1	N/A	.647 ± .015	.649	COMPARATOR	N/A		
4	SHEET 1	N/A	PER NOTE 5	CONFORMED	N/A	N/A		
5	SHEET 1	N/A	.165 ± .010	.165	COMPARATOR	N/A		
6	SHEET 1	N/A	.172 ± .020	.164	COMPARATOR/ PIN GAGE	N/A		
7	SHEET 1	N/A	.030 ± .005	.032	CALIPER	N/A		
8	SHEET 1	N/A	Ø .100 ± .005	Ø .102	CALIPER	N/A		
9	SHEET 1	N/A	Ø .076 ± .005	Ø .078	CALIPER	N/A		
10	SHEET 1	N/A	Ø .059 ± .005	Ø .058	PIN GAGE	N/A		
11	SHEET 1	N/A	NOTE 1	CONFORMED	N/A	N/A		
12	SHEET 1	N/A	NOTE 2	CONFORMED	N/A	N/A		
13	SHEET 1	N/A	NOTE 3	ACKNOWLEDGE	N/A	N/A		
14	SHEET 1	N/A	NOTE 4	ACKNOWLEDGE	N/A	N/A		
15	SHEET 1	N/A	NOTE 5	CONFORMED	N/A	N/A		
12. Signature: 							13. Date: 07/24/2019	
								

Tri-Star Electronics International
2201 Rosecrans Ave., El Segundo, CA 90245
www.carlisleit.com
Ph: (310) 536-0444



TR1-19-692591
105-2016-10988
7/9/19

ISE-116
K_A

Fischerscope® XRAY XDLM 237
Product: Ni/PbNiCu
Lot Number: TR1-19-692591
Application: Ni/PbNiCu

Machine ID: #0628 Date: 7/9/2019
Time: 11:36:01 AM Operator: 5687

n=	1	Ni 1	=	201 p"
n=	2	Ni 1	=	145 p"
n=	3	Ni 1	=	166 p"
n=	4	Ni 1	=	148 p"
n=	5	Ni 1	=	169 p"
n=	6	Ni 1	=	194 p"
n=	7	Ni 1	=	157 p"
n=	8	Ni 1	=	154 p"
n=	9	Ni 1	=	158 p"
n=	10	Ni 1	=	179 p"
n=	11	Ni 1	=	176 p"
n=	12	Ni 1	=	145 p"
n=	13	Ni 1	=	167 p"
n=	14	Ni 1	=	160 p"
n=	15	Ni 1	=	147 p"
n=	16	Ni 1	=	167 p"
n=	17	Ni 1	=	143 p"
n=	18	Ni 1	=	167 p"
n=	19	Ni 1	=	141 p"
n=	20	Ni 1	=	177 p"

Ni 1 p"

Mean 163.1
Standard Deviation 16.6
CoV (%) 10.19
Minimum 141
Maximum 201
Range 59.8
Number of readings 20
Measuring time 15 sec
Collimator size 2 = 0.20 Dm.
Measurement Mode X-Ray Fluorescence
Density (Ni 1) 8.90 g/cm³
Calibration Standards Types Foil Standards

See Drawing for Point of Measurement

LOT NO: TRI-19-692591
 PART NO: CID-2016-A0988

EXTRACTION FORCES

INSERTION FORCES

* CLEAR *

1	-3.29
2	-3.57
3	-4.06
4	-3.08
5	-4.68
6	-4.34
7	-4.02
8	-3.72
9	-4.11
10	-4.58
11	-4.82
12	-3.88
13	-4.73

* CLEAR *

1	10.94
2	10.09
3	10.51
4	10.76
5	11.45
6	11.51
7	11.33
8	10.56
9	10.11
10	10.71
11	12.40
12	11.45
13	11.55

PART NO. :
 DATE 2019/ 7/19
 TIME 8:46

PART NO: *AD988*
 DATE 2019/ 7/19
 TIME 8:44

NAME :
 * RESULT *
 N 13
 MAX -3.08
 MIN -4.82
 R 1.74
 X -4.0676
 dn 0.5338
 dn-1 0.5556

NAME: *Fabialack*
 * RESULT *
 N 13
 MAX 12.40
 MIN 10.09
 R 2.31
 X 11.0284
 dn 0.6340
 dn-1 0.6599



Hood Retention Test Form

DATE: 2-10-19

PART NUMBER 110-2016-R0988 LOT #: 19-692591

REQUIREMENT: 3bls

SAMPLE TEST RESULTS:

	PASS	FAIL
1. <u>3bls</u>	<u>Pass</u>	_____
2. <u>3bls</u>	<u>Pass</u>	_____
3. <u>4bls</u>	<u>Pass</u>	_____
4. <u>4bls</u>	<u>Pass</u>	_____
5. <u>3bls</u>	<u>Pass</u>	_____

INSPECTOR'S STAMP OR OPERATOR'S BADGE NO.: 33268

Note: Place Results Inside Router Package



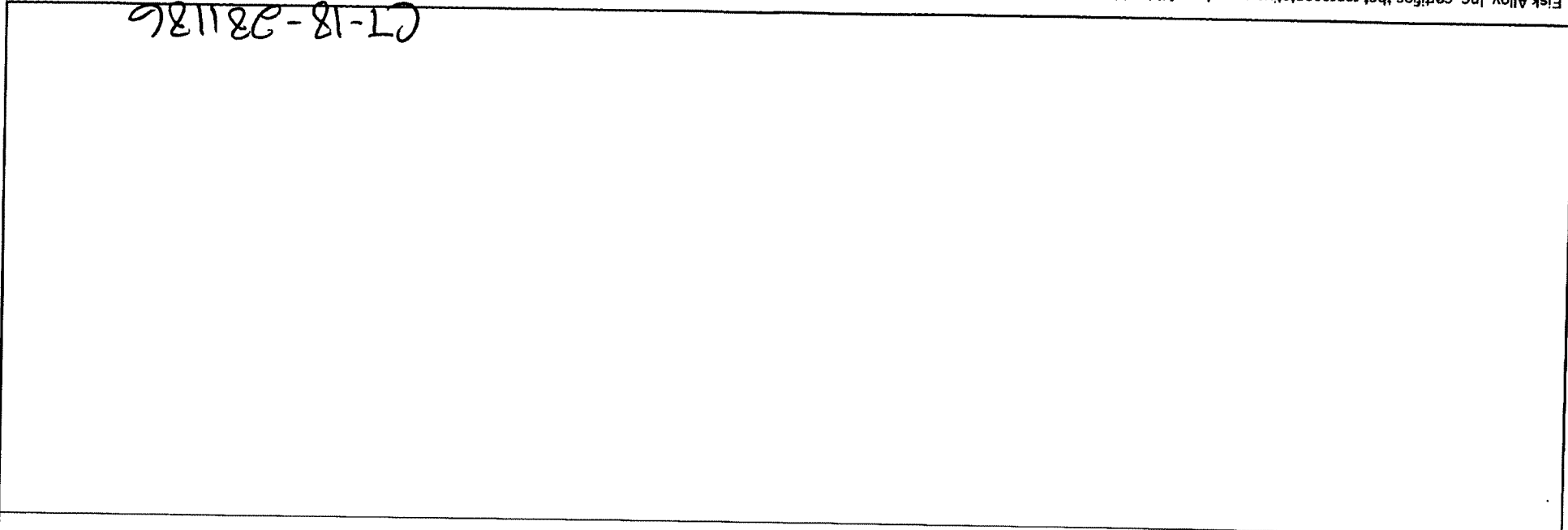
Fisk Alloy, Inc.

P.O. Box 26 • 10 Thomas Road • Hawthorne • New Jersey 07507 • U.S.A.
Tel: +19738258500 Fax: +19738258501 Web: www.fiskalloy.com

PRODUCT CERTIFICATION

WORK ORDER 189020
SALES ORDER W-045751

SHIP TO:		USA El Segundo, CA 90245 2201 Rosecrans Ave Carlisle Interconnect Tech	
SHIP TO:		USA Tri-Star Riverside 4200 Garner Rd Riverside, CA 92501 Attn: QA Dept	
CUSTOMER P.O.	CUSTOMER PART	QUANTITY	SPOOLS LADING NO
601678	EPS0009-01-0785 EPS0009-01W 1	861.9 Lbs	17 00092565
PART NUMBER:	M0784-19B-W001	DESCRIPTION:	.0784-1915-80.000/89.000-Open Coil-047.50



CT-18-281186

Fisk Alloy, Inc. certifies that representative samples of this shipment have been inspected in accordance with established testing procedures and methods. The inspection records for this shipment are on file and warrant that this shipment is in conformance with the quality specified and in compliance with the applicable specifications. Fisk Alloy, Inc. is ISO9001:2008 and AS9100C certified. For further inquiries, please contact quality@fiskalloy.com, or call +19738258500.



P.O. Box 26 • 10 Thomas Road • Hawthorne • New Jersey 07507 • U.S.A.
Tel: +19738258500 Fax: +19738258501 Web: www.fiskalloy.com

PRODUCT CERTIFICATION

WORK ORDER
189020

SALES ORDER
W-045751

Carlisle Interconnect Tech
2201 Rosecrans Ave
El Segundo, CA 90245
USA

SHIP TO
Tri-Star Riverside
4200 Garner Rd
Riverside, CA 92501
USA
Attn: QA Dept

SOLD TO:

CUSTOMER P.O. CUSTOMER PART
601678 EPS0009-01-0785 EPS0009-01W 1
PART NUMBER: **M0784-19B-W001**

DESCRIPTION: **.0784-1915-80.000/89.000-Open Coil-.047.50**

QUANTITY **861.9** Lbs
SPOOLS LADING NO **17 00092565**
SHIPMENT DATE **02/09/2018**

PHYSICAL MEASUREMENTS:

SIDA Tens CoilWeig Eng
Inch PSI Lbs
pct

Specification Limits

Minimum .0782 80000 45 4
Maximum .0785 89000 50 4

Tag Numbers

189020-001	.07835	85424	50.6	4
189020-002	.07835	88550	49.6	4
189020-003	.07835	88618	49.8	4
189020-004	.07833	88792	49.7	5
189020-005	.07833	88666	49.6	4
189020-006	.07833	88761	49.6	4
189020-007	.07833	88790	49.6	4
189020-008	.07833	85978	49.6	4
189020-009	.07833	85976	50.7	4
189020-010	.07840	85145	51.6	5
189020-011	.07840	88903	51.6	5
189020-012	.07840	88688	51.6	4

CT-18-281186

Fisk Alloy, Inc. certifies that representative samples of this shipment have been inspected in accordance with established testing procedures and methods. The inspection records for this shipment are on file and warrant that this shipment is in conformance with the quality specified and in compliance with the applicable specifications. Fisk Alloy, Inc. is ISO9001:2008 and AS9100C certified. For further inquiries, please contact quality@fiskalloy.com, or call +19738258500.



Fisk Alloy, Inc.

P.O. Box 26 • 10 Thomas Road • Hawthorne • New Jersey 07507 • U.S.A.

Tel: +19738258500 Fax: +19738258501 Web: www.fiskalloy.com

PRODUCT CERTIFICATION

WORK ORDER

189020

SALES ORDER

W-045751

SOLD TO: Carlisle Interconnect Tech
 2201 Rosecrans Ave
 El Segundo, CA 90245
 USA

SHIP TO: Tri-Star Riverside
 4200 Garner Rd
 Riverside, CA 92501
 USA
 Attn: QA Dept

CUSTOMER P.O. CUSTOMER PART
 601678 EPS0009-01-0785 EPS0009-01W 1

QUANTITY SPOOLS LADING NO SHIPMENT DATE
 861.9 Lbs 17 00092565 02/09/2018

PART NUMBER: M0784-19B-W001
 DESCRIPTION: .0784-1915-80.000/89.000-Open Coil-.047.50

189020-013	.07840	88286	51.6	5
189020-014	.07847	81491	51.7	5
189020-015	.07847	85051	51.6	5
189020-016	.07847	86766	51.7	6
189020-017	.07847	86689	51.7	6

CT-18-281186

Fisk Alloy, Inc. certifies that representative samples of this shipment have been inspected in accordance with established testing procedures and methods. The inspection records for this shipment are on file and warrant that this shipment is in conformance with the quality specified and in compliance with the applicable specifications. Fisk Alloy, Inc. is ISO9001:2008 and AS9100C certified. For further inquiries, please contact quality@fiskalloy.com, or call +19738258500.



MATERIAL CERTIFICATION

153 Washington Avenue
North Haven, CT 06473 USA

Tel: 203-239-4481
or 800-243-1676
Fax: 203-239-7479

Page 1 of 2

We Deliver Precision™

LOAD NO.	SHIP DATE	ULBRICH OF NEW ENGLAND	WORK ORDER	SALES ORDER - LINE	CUST PO. NO.
00161222			F96358	104-017671 - 1	M3487 rel 3

SOLD TO: Braxton Mfg Co Inc-Tuslin
2641 Walnut Avenue
Tuslin, CA 92780
USA

SHIP TO: Braxton Mfg Co Inc-Tuslin
2641 Walnut Avenue
Tuslin, CA 92780
USA

PART DESCRIPTION	QTY SHIPPED	UM
Material Type: 305 12% min. Nickel Stainless Steel	567.00	LBS

MATERIAL TESTS NOT COVERED WITHIN NADCAP OR ISO/IEC 17025
SCOPE OF ACCREDITATION.
THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT
STATEMENTS OR ENTRIES ON THE CERTIFICATION MAY BE
PUNISHABLE AS A FELONY UNDER FEDERAL LAW.

PART NUMBER S30512-00650DQ#2
CUST. P/N 305DQ0065X.445

CUSTOMER SPECS / SPECIFICATIONS

MATERIAL IS DEARMS COMPLIANT

MATERIAL IS ROHS COMPLIANT

MATERIAL IS REACH COMPLIANT

MATERIAL IS CONFLICT FREE

PRODUCT DESCRIPTION (AS SHIPPED)

Material Type: 305 12% min. Nickel Stainless Steel
Gauge: 0.00650" Gtol+: 0.00030" Gtol-: 0.00030"
Width: 0.4450" Wtol+: 0.00500" Wtol-: 0.00500"
Temper: DQ Edge: 3S-#3 Silt Finish: #2
Camber Max: 0.500" in 8 feet

Customer Specifications

ASTM A240-18, UNS S30500, DEARMS and ROHS, REACH compliance, Conflict Free
M-0003 Rev G

Chemical Analysis (Wt. %) - HEAT NO. 0454028-03

C	Cr	Cu	Mn	Mo	Ni	N	P	S
0.045	18.870	0.280	0.880	0.210	12.070	0.025	0.028	0.500
								0.001

Material is DEARMS Compliant.

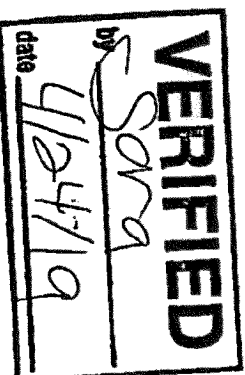
Mill Source

Country of Origin Mill Source

Italy Arinox

TEST	UNITS	RESULTS	MECHANICAL PROPERTIES ROOM TEMPERATURE	LOW
Tensile - PSI		88473	HIGH	
Yield - PSI		39160		
Elongation %		64		
Grain Size		9		
Bend		Pass		

CT-19-301674





MATERIAL CERTIFICATION

153 Washington Avenue
North Haven, CT 06473 USA

Tel: 203-239-4481
or 800-243-1676
Fax: 203-239-7479

We Deliver Precision™

LOAD NO.	SHIP DATE	ULBRICH OF NEW ENGLAND	WORK ORDER	SALES ORDER - LINE	CUST PO. NO.
00161222			F96368	104-017671 - 1	M3487 rel 3

SOLD TO: Braxton Mfg Co Inc-Tustin
2641 Walnut Avenue
Tustin, CA 92780
USA

SHIP TO: Braxton Mfg Co Inc-Tustin
2641 Walnut Avenue
Tustin, CA 92780

PART DESCRIPTION	QTY SHIPPED	U/M
Material Type: 305 12% min. Nickel Stainless Steel	567.00	LBS
MATERIAL TESTS NOT COVERED WITHIN NADCAP OR ISO/IEC 17025 SCOPE OF ACCREDITATION. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATION MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW.	PART NUMBER S30512-00650DQ#2 CUST. P/N 305DQ0065X.445	
Hardness Scale - HRB	82	

COMMENTS

- Inclusion
thick a,b,c,d,=0
thin =<2




CT-79-307

This material is free from mercury contamination. All converted hardness values must be considered approximate based on ASTM E140 and may be inaccurate for specific application. This material Certification is only valid when signed by an authorized quality representative. Material conforms to the above referenced specifications / requirements.

Tested to Ulbrich Quality Procedures

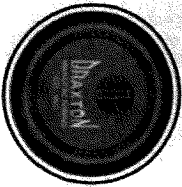
Certification Can Not Be Copied Except In Full

NET WEIGHT SHIPPED 567.00 LBS

SIGNED: 
 TITLE: David Hausmann
 CA ENGINEER

DATE: 15-Apr-2019

APPROVED BY: ka



Braxton Caribbean Mfg. Co, Inc.
CONFIDENTIAL AND PROPRIETARY

CERTIFICATE OF CONFORMANCE

<u>PURCHASE ORDER NUMBER</u>	<u>QUANTITY</u>	<u>PART NUMBER</u>
613273	1,000.000	H-901-1 REV.L
<u>LOT NUMBER</u>	<u>PACKING SLIP NUMBER</u>	
04221930/04241930/04301924	56266	
04301930-1/05071930		
<u>MATERIAL TYPE</u>	<u>PART DESCRIPTION</u>	
305 SS/312558/0454028-03	HOOD SOCKET	

CUSTOMER
TRI STAR ELECTRONICS

The following statement is not binding upon Braxton Caribbean Mfg. Co. Inc. and is listed as required for Tri-Star company obligations: Seller hereby acknowledges that the parts and/or materials being shipped under this order are intended for use under Boeing's Federal Aviation Administration (FAA) Issued Production Certificate 700.

"It is hereby certified that all articles in the above shipment and in the quantities stated are in conformance with the stated specifications and dimensions on customer furnished blueprint. Test reports pertaining to same are on file and subject to examination."

Braxton Caribbean Mfg Co Inc.
2641 Walnut Ave.
Tustin, CA 92780

5/13/2019
DATE


QUALITY MANAGER / DESIGNEE

CT - 19 - 301674



Braxton Caribbean Mfg. Co, Inc.
CONFIDENTIAL AND PROPRIETARY

CERTIFICATE OF PASSIVATION

<u>PURCHASE ORDER NUMBER</u>	<u>QUANTITY</u>	<u>PART NUMBER</u>
613273	1,000.000	H-901-1 REV.L
<u>LOT NUMBER</u>	<u>PACKING SLIP NUMBER</u>	
04221930/04241930/04301924 04301930-1/05071930	56266	
<u>MATERIAL TYPE</u>	<u>PART DESCRIPTION</u>	
305 SS/312558/0454028-03	HOOD SOCKET	

CUSTOMER
TRI STAR ELECTRONICS

The following statement is not binding upon Braxton Caribbean Mfg. Co. Inc. and is listed as required for Tri-Star company obligations: Seller hereby acknowledges that the parts and/or materials being shipped under this order are intended for use under Boeing's Federal Aviation Administration (FAA) issued Production Certificate 700.

"It is certified that all articles in the above shipment were passivated per AMS2700 TYPE 6"

Braxton Caribbean Mfg Co Inc.
2641 Walnut Ave.
Tustin, CA 92780

5/13/2019
DATE

QUALITY MANAGER / DESIGNEE

CT - 19 - 301674



8635 White Oak Avenue
 Rancho Cucamonga, CA 91730
 Tel: (909) 484-3124 / (800) 992-5015
 FAX: (909) 484-1085
 Web: www.brownmetals.com | www.slidcuts.com

Certificate of Test / Conformance
 Certificate Number: 196890-2

BMC Lot Receipt
 16-404

Customer:	BRAYTON MANUFACTURING CO INC	Customer PO#:	M3467
Material:	C.R. Stainless Steel	Date Shipped:	1/23/2019
Type:	305	Sales Order #:	251447
Finish:	2BA Ra:12 µin.	Supplier Source (s):	Somers Thin Strip (USA)
Size:	.0065 X .804"	Melt Mill Source (s):	Outokumpu (Finland)
No. of Coils:	14	Heat Number:	312558
Net Weight:	1,330,000#		

UNS Number:	S30500
Specifications:	AMS-5514H ASTM-A-240-17

MECHANICAL PROPERTIES

Condition/Temper	Annealed
Hardness(2)	VHN151 (B 80)
Ultimate Tensile Strength(3)	90,000/92,000
Yield Strength @ .2% offset(3)	38,000/40,000
Percent Elongation in 2 inches	68.0/71.0 %
Bend Test	OK
Embrittlement (ASTM-A-262 P. E)	
ASTM Grain Size	9.0

CHEMICAL PROPERTIES

C	Mn	P	S	SI	Cr	NI	MO	CU	N	TI	Fe	V
.04	1.18	.023	.001	.46	18.30	12.40	.05	.11	.021	.01	Bal	.06

(1) Country of Origin specified in parenthesis: Material complies with DFARS Sections 252.225-7008 & 252.225-7009 (JUL 2009) if melted in the USA or a qualifying country according to DFARS. (2) Hardness conversion using ASTM-E-140.(3) Tensile & Yield Strength reported in PSI. (4) If requested, tolerances, camber and other measurement readings are reported in inches.

Date: January 23, 2019

Anthony Schlumpf

Brown Metals Company Quality Control Clerk

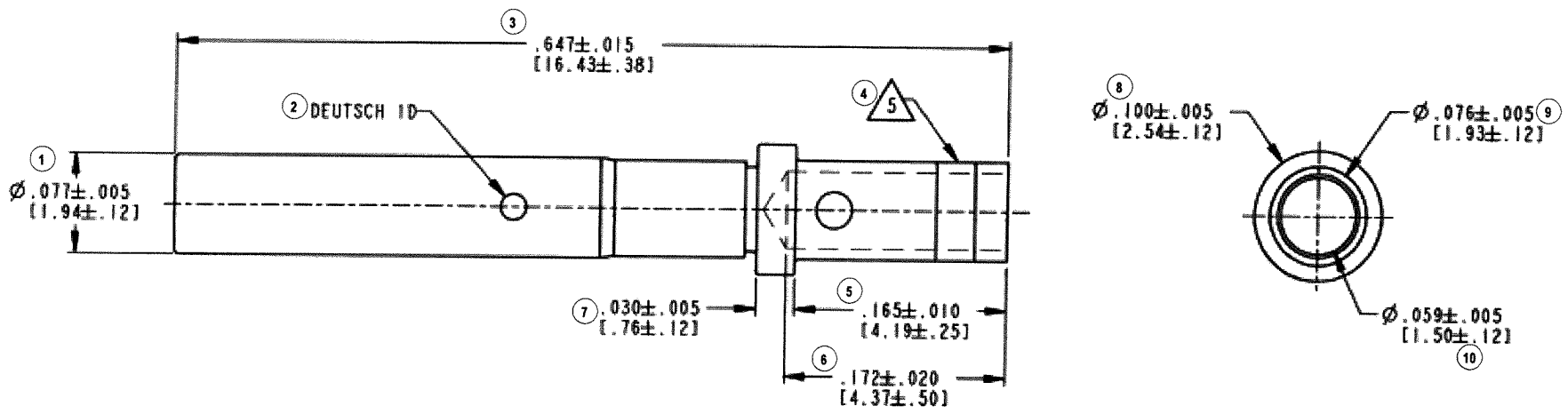
Brown Metals Company is an AS9100 and ISO9001 registered company. Please visit www.brownmetals.com/compliance for OSHA, AS9100, ISO9001, MSDS, ROHS, REACH, Mercury Free and other statements of compliance. No weld/repair performed except for oscilate wound coils/spools when agreed upon by the customer. The mechanical and chemical properties on this certificate are derived directly from the manufacturers' Certificate of Test (available upon request). We certify that the information contained on this certificate is a true copy of the data on file and that the material conforms to the specifications listed. This Certificate of Test / Conformance shall not be reproduced except in full. Federal law prohibits the recording of false, fictitious, or fraudulent statements or entries on the certificate and may be punishable as a felony under Federal Law.
 Original Issuer: 1/23/2019 Revised: 1/25/2019 7:43:57 AM Revised By: KAL Reprinted: 1/25/2019 7:44:23 AM Version: 16.04.06

VERIFIED
 by SARA
 date 1/28/19

CT-19-301674

REV B 0462-005-20**

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
NC	NEW RELEASE PER E.O. P19622	9-19-07	R.D.R.
A	REVISED PER E.O.P20270	7-27-09	R.D.R.
B	REVISED PER E.O.P21283	1-25-12	RDR



- 15 SOCKET CONTACT IS IDENTIFIED BY A SINGE PURPLE STRIPE.
- 14 4. FOR CONTACT PERFORMANCE AND APPLICATION CHARACTERISTICS SEE DRAWING 0425-015-0000.
- 13 3. THIS CONTACT MAY BE CRIMPED WITH HDP-400 POWER PRESS OR HDT-48-00 HAND TOOL. SEE DRAWING 0425-205-0000 FOR APPLICABLE WIRE SIZE AND CRIMPING INFORMATION.
- 12 2. WHEN ** = 31: GOLD OVER NICKEL OVER COPPER
WHEN ** = 141: NICKEL OVER COPPER
WHEN ** = 309: TIN OVER NICKEL OVER COPPER
- 11 1. DIMENSIONS ARE IN INCHES [mm]

NOTES: UNLESS OTHERWISE SPECIFIED

SIGNATURE & DATE		CONTACT SOCKET SIZE 20 16-18 AWG	EP	NATS. CODE
DR	D. MEYER 09-14-07		3850 INDUSTRIAL AVE. HEMET, CA 92545	
CHK	D. MEYER 1/23/12	ENVELOPE	DEUTSCH INDUSTRIAL	
PE	D. MEYER 1/23/12		B 0462-005-20**	
APPD	R. HED 2-9-12	SCALE NONE	WT	CODE 11139 SHEET OF

REV P 0425-015-0000

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
L	REVISED PER E.O. P19436	12-18-06	R.D.R.
M	REVISED PER E.O. P19666	11-6-07	R.D.R.
N	REVISED PER E.O. P19847	5-14-08	R.D.R.
P	REVISED PER E.O. P20416	1-8-10	RDR

SOLID CONT. SIZE	SOLID CONTACT PART NO'S (PARTIAL LIST)		WIRE SIZE AWG (mm ²)	RECOMMENDED STRIP LENGTH INCHES (mm)	MIN CONT. RETENTION LBS (N)	REF CRIMP TENSILE LBS (N)	MAX RATED AMPS @ 125°C CONTINUOUS
	PIN	SOCKET					
4	5960-203-04**	5962-203-04**	4 (21.0)	.430-.492 (10.92-12.50)	35 (156)	300 (1334)	100
4	0460-204-04**	0462-203-04**	6 (13.0)	.430-.492 (10.92-12.50)	35 (156)	300 (1334)	100
8	0460-204-08**	0462-203-08**	8-10 (8.0-5.0)	.430-.492 (10.92-12.50)	35 (156)	125-90 (556-400)	60
12	0460-204-12**	0462-203-12**	12-14 (3.0-2.0)	.222-.284 (5.64-7.21)	30 (134)	75-70 (334-311)	25
16	0460-002-16**	0462-004-16**	16-20 (1.5-0.5)	.250-.312 (6.35-7.92)	25 (111)	35-20 (156-89)	13
16	0460-215-16**	0462-209-16**	14 (2.0)	.250-.312 (6.35-7.92)	25 (111)	70 (311)	13
16	0460-202-16**	0462-201-16**	16-20 (1.5-0.5)	.250-.312 (6.35-7.92)	25 (111)	35-20 (156-89)	13
20	0460-010-20**	0462-005-20**	16-18 (1.0-0.75)	.156-.218 (3.96-5.54)	20 (89)	20 (89)	7.5
20	0460-202-20**	0462-201-20**	20 (0.5)	.156-.218 (3.96-5.54)	20 (89)	20 (89)	7.5

CONTACT RESISTANCE STRENGTH			
WIRE AWG	TEST CURRENT	MILLIVOLT DROP SOLID	MILLIVOLT DROP S & F
4	100	60	N/A
8	60	60	N/A
10	40	60	N/A
10	25	N/A	100
12	25	60	100
14	18	60	100
16	13	60	100
18	10	60	100
20	7.5	60	100

LESS REFERENCE (DROP-THRU) WIRE

MATERIAL SPECIFICATION AND PLATING ** CODES

PIN: COPPER ALLOY
 SOCKET: COPPER ALLOY with STAINLESS STEEL SLEEVE

SOLID PLATING OPTIONS:

31=GOLD*
 90=NICKEL SIZE 4 (6 AWG) PIN ONLY
 141=NICKEL

S & F PLATING OPTIONS:

22=NICKEL
 44=GOLD*
 66=TIN/NICKEL
 77=TIN
 88=SELECTIVE GOLD*

GOLD*=PLATING IS AVAILABLE (RECOMMENDED) FOR DRY (<5V) CIRCUIT APPLICATIONS



MATERIALS AND PLATINGS ARE RoHS COMPLIANT

- 9 DEUTSCH PERFORMANCE SPECIFICATIONS REQUIRE THE USE OF DEUTSCH APPROVED TOOLING.
 - 8. SEE SHEET 2 FOR STAMPED AND FORMED CONTACTS.
 - 7 CONTACT FACTORY FOR AVAILABLE PLATING FOR SPECIFIC CONTACTS.
 - 6 NOTED MAXIMUM RATED CURRENT DEPENDS ON CONTACT SIZE. ACTUAL RATED CURRENT DEPENDS ON WIRE SIZE.
 - 5 WIRE AND INSULATION RANGES ARE FOR REFERENCE ONLY. ACTUAL INSULATION RANGE DEPENDS ON CONNECTOR GROMMET. THE FOLLOWING CRIMP INFORMATION DRAWINGS ARE THE CONTROLLING DOCUMENTS:
 SOLID CONTACTS: SIZE *STAMPED* CONTACTS: SIZE
 0425-205-0000 4-20 0425-041-0000 12
 0425-208-0000 12
 0425-039-0000 16
 0425-068-0000 16
 0425-203-0000 16
 0425-059-0000 16/20
 0425-207-0000 20
 - 4 PULL RATE OF 1.0 INCH (25.4) PER MINUTE MAXIMUM. ACTUAL STRENGTH DEPENDS ON WIRE SIZE.
 - 3 THIS CONTACT IS A SLEEVELESS SOCKET DESIGN.
 - 2. DIMENSIONS ARE IN INCHES (mm). FORCES ARE IN "LBS" (POUNDS) AND "N" (NEWTONS).
 - 1 CONSULT FACTORY FOR MORE INFORMATION. SEE CRIMP INFORMATION DRAWINGS FOR MORE PART NUMBERS.
- NOTES: UNLESS OTHERWISE SPECIFIED

- 14. FOR HIGH TEMPERATURE CONNECTOR CONTACT INFORMATION SEE INFORMATION DRAWING 0425-075-0000.
- 13 THIS CONTACT IS IDENTIFIED BY ONE PURPLE STRIPE.
- 12 THIS CONTACT IS USED FOR HIGH DURABILITY APPLICATIONS. IDENTIFIED BY ONE BLUE STRIPE.
- 11 THIS CONTACT IS AN ULTRASONIC DESIGN.
- 10 0460-204-12** COMES IN NICKEL PLATE ONLY. USE 0460-220-12** FOR GOLD PLATE.

SIGNATURE & DATE	
DR	B. BYFORD 5/26/00
CHK	D. MONTGOMERY 7/10
FE	D. MONTGOMERY 7/10
APPD	A. NORTON 8-10
SCALE	NONE WT

PERFORMANCE AND APPLICATION CHARACTERISTICS OF SOLID OR STAMPED AND FORMED CONTACTS AND APPLICABLE WIRE RANGES

EP	MATL CODE
 3850 INDUSTRIAL AVE. HENET, CA 92545	
B 0425-015-0000	
	SHEET 1 OF 2

N/A: Not Applicable

INFORMATION