

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-		S	REVISED PER E.O. P21296	20JAN2012	-	RDR
			T	REVISED PER E.O. P21296	13FEB2012	-	RDR
			U	REVISED PER E.O. P21398	02JUL2012	-	RDR
			UI	REVISED PER ECO-14-006543	06MAY2014	PV	DM

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 [25.0-21.0]	.430-.492 [10.92-12.50]	35 [156]	300 [1334]	100
4	0460-204-04**	0462-203-04**	6 [16.0-13.0]	.430-.492 [10.92-12.50]	35 [156]	300 [1334]	100
8	0460-204-08**	0462-203-08**	8-10 [10.0-5.0]	.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
 309=TIN

S & F PLATING OPTIONS:

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

GOLD PLATING IS RECOMMENDED FOR DRY CIRCUIT APPLICATION = (<5V & <50mA)

MATERIALS AND PLATINGS ARE ROHS COMPLIANT

DEUTSCH PERFORMANCE SPECIFICATIONS REQUIRE THE USE OF DEUTSCH APPROVED TOOLING.

8. SEE SHEET 2 FOR STAMPED AND FORMED CONTACTS.

CONTACT FACTORY FOR AVAILABLE PLATING FOR SPECIFIC CONTACTS.

NOTED MAXIMUM RATED CURRENT DEPENDS ON CONTACT SIZE. ACTUAL RATED CURRENT DEPENDS ON WIRE SIZE.

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

THIS CONTACT IS IDENTIFIED BY ONE PURPLE STRIPE.

THIS CONTACT IS USED FOR HIGH DURABILITY APPLICATIONS. IDENTIFIED BY ONE BLUE STRIPE.

THIS CONTACT IS AN ULTRASONIC DESIGN.

0460-204-12** COMES IN NICKEL PLATE ONLY. USE 0460-220-12** FOR GOLD PLATE.

PULL RATE OF 1.0 INCH [25.4] PER MINUTE MAXIMUM. ACTUAL STRENGTH DEPENDS ON WIRE SIZE.

THIS CONTACT IS A SLEEVELESS SOCKET DESIGN.

2. FORCES ARE IN "LBS" (POUNDS) AND "[N]" (NEWTONS).

CONSULT FACTORY FOR MORE INFORMATION. SEE CRIMP INFORMATION DRAWINGS FOR MORE PART NUMBERS.

UNLESS OTHERWISE SPECIFIED

N/A: Not Applicable

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	26MAY2000	TE TE Connectivity
DIMENSIONS: INCHES [mm]		CHK	25JUN2012	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	02JUL2012	
		NAME	R. REED	
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC	-	PERFORMANCE AND APPLICATION CHARACTERISTICS OF SOLID OR STAMPED AND FORMED CONTACTS AND APPLICABLE WIRE RANGES
MATERIAL		APPLICATION SPEC	-	SIZE
FINISH		WEIGHT	-	CAGE CODE
		Customer Drawing	-	DRAWING NO
		SCALE	NONE	RESTRICTED TO
		SHEET	1 OF 2	REV
				UI

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THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

2014

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LOC - DIST -

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	UI	SEE SHEET 1	06MAY2014	PV	DM

S & F CONT. SIZE	STAMPED CONTACT PART NO's (PARTIAL LIST)		WIRE SIZE AWG [mm ²]	WIRE INSULATION O.D. RANGE	RECOMMENDED STRIP LENGTH INCHES [mm]	MIN CONT. RETENTION LBS [N]	REF CRIMP TENSILE LBS [N]	MAX RATED AMPS@125°C CONTINUOUS
	PIN	SOCKET						
12	1060-12-01**	1062-12-01**	12-14 [4.0-2.0]	.113-.176 [2.87-4.47]	.225-.275 [5.72-6.99]	30 [134]	70 [311]	25
12	1060-12-02**	1062-12-02**	10 [6.0-4.0]	.140-.204 [3.56-5.18]	.225-.275 [5.72-6.99]	30 [134]	70 [311]	25
16	1060-14-01**	1062-14-01**	14-18 [2.0-0.75]	.095-.150 [2.41-3.81]	.150-.200 [3.81-5.08]	25 [111]	25 [111]	13
16	1060-14-10**	1062-14-10**	14-18 [2.0-0.75]	.095-.150 [2.41-3.81]	.150-.200 [3.81-5.08]	25 [111]	25 [111]	13
16	1060-16-01**	1062-16-01**	14-18 [2.0-0.75]	.075-.140 [1.90-3.55]	.150-.200 [3.81-5.08]	25 [111]	25 [111]	13
16	1060-16-06**	1062-16-06**	16-20 [1.0-0.5]	.055-.100 [1.40-2.54]	.150-.200 [3.81-5.08]	25 [111]	25-15 [111-67]	13
16	1060-16-07**	1062-16-07**	14-18 [2.0-0.75]	.075-.140 [1.90-3.55]	.150-.200 [3.81-5.08]	25 [111]	25 [111]	13
16	1060-16-09**	1062-16-09**	14-18 [2.0-0.75]	.075-.140 [1.90-3.55]	.150-.200 [3.81-5.08]	25 [111]	25 [111]	13
16	1060-16-12**	1062-16-12**	12-16 [2.5-1.0]	.075-.140 [1.90-3.55]	.175-.225 [4.45-5.72]	25 [111]	25 [111]	13
16	1060-16-13**	1062-16-13**	14-18 [2.0-1.0]	.085-.150 [2.16-3.81]	.210-.230 [5.33-5.84]	25 [111]	25 [111]	13
16	N/A	1062-16-14**	12-16 [2.5-1.0]	.075-.140 [1.90-3.55]	.175-.225 [4.45-5.72]	25 [111]	25 [111]	13
20	1060-20-01**	1062-20-01**	16-22 [1.5-0.35]	.075-.125 [1.91-3.18]	.150-.200 [3.81-5.08]	20 [89]	20-10 [89-45]	7.5
20	1060-20-02**	1062-20-02**	16-22 [1.5-0.35]	.051-.085 [1.30-2.16]	.150-.200 [3.81-5.08]	20 [89]	20-10 [89-45]	7.5
20	N/A	1062-20-03**	16-22 [1.5-0.35]	.075-.125 [1.91-3.18]	.150-.200 [3.81-5.08]	20 [89]	20-10 [89-45]	7.5
20	1060-20-06**	1062-20-06**	14-16 [2.5-1.0]	.075-.125 [1.91-3.18]	.150-.200 [3.81-5.08]	20 [89]	20 [89]	7.5

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN B. BYFORD 26MAY2000

CHK D. MEYER 25JUN2012

APVD R. REED 02JUL2012

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

Customer Drawing

DIMENSIONS:
INCHES [mm]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	±-
1 PLC	±-
2 PLC	±-
3 PLC	±-
4 PLC	±-
ANGLES	±-

MATERIAL -

FINISH -

TE Connectivity

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

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A3 - C=0425-015-0000 -

SCALE NONE SHEET 2 OF 2 REV UI

SEE SHEET 1 FOR SOLID CONTACTS.

1470-19 (3/11)