

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	V	INITIAL RELEASE	03APR2018	JA	DM		
	V1	ADD NOTE 15	11APR2018	JA	DM		
	V2	Corrected SF44 and SF88 plating Code des.	21SEP2018	DD	DM		
	V3	Note 5 (was)0425-205-0000 (is) 114-151004	04DEC2018	DD	DM		

SOLID CONT. SIZE	SOLID CONTACT PART NO's (PARTIAL LIST)		WIRE SIZE AWG [mm <sup>2</sup> ]	RECOMMENDED STRIP LENGTH INCHES [mm]	MIN CONT. RETENTION LBS [N]	REF CRIMP TENSILE LBS [N]	MAX RATED AMPS@125°C CONTINUOUS
	PIN	SOCKET					
4	5960-203-04XX	5962-203-04XX	4 [25.0-21.0]	.430-.492 [10.92-12.50]	35 [156]	300 [1334]	100
4	0460-204-04XX	0462-203-04XX	6 [16.0-13.0]	.430-.492 [10.92-12.50]	35 [156]	300 [1334]	100
8	0460-204-08XX	0462-203-08XX	8-10 [10.0-5.0]	.430-.492 [10.92-12.50]	35 [156]	125-90 [556-400]	60
12	0460-204-12XX	0462-203-12XX	12-14 [3.0-2.0]	.222-.284 [5.64-7.21]	30 [134]	75-70 [334-311]	25
16	0460-002-16XX	0462-004-16XX	16-20 [1.5-0.5]	.250-.312 [6.35-7.92]	25 [111]	35-20 [156-89]	13
16	0460-215-16XX	0462-209-16XX	14 [2.0]	.250-.312 [6.35-7.92]	25 [111]	70 [311]	13
16	0460-202-16XX	0462-201-16XX	16-20 [1.5-0.5]	.250-.312 [6.35-7.92]	25 [111]	35-20 [156-89]	13
16	2325529-1	2325584-1	16-20 [1.5-0.5]	.250-.312 [6.35-7.92]	25 [111]	35-20 [156-89]	13
20	0460-010-20XX	0462-005-20XX	16-18 [1.0-0.75]	.156-.218 [3.96-5.54]	20 [89]	20 [89]	7.5
20	0460-202-20XX	0462-201-20XX	20 [0.5]	.156-.218 [3.96-5.54]	20 [89]	20 [89]	7.5
20	2325531-1	2325530-1	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 XX CODES**

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

SOLID PLATING OPTIONS:

31=GOLD  
 90 OR 141=NICKEL SIZE 4 [6 AWG] PIN ONLY  
 141=NICKEL  
 309=TIN

S & F PLATING OPTIONS:

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

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

MATERIALS AND PLATINGS ARE RoHS COMPLIANT

- 0460-204-12XX COMES IN NICKEL PLATE ONLY. USE 0460-220-12XX FOR GOLD PLATE.
  - 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
	114-151004		4-20
			114-151006
			12
			114-151002
			12
			114-151000 OR 114-151001
			16
			114-151003
			20
  - 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

- 15. INSERTION TOOL MAY BE NEEDED ON DEUTSCH CONNECTORS THAT HAVE SIZE 16 & 20 CONTACTS WITH ≤ 20AWG WIRE. INSERTION TOOL PN MI5570-16 (SIZE 16) OR MI5570-20 (SIZE 20).
- PN 2325529-1 (PIN) IS GOLD PLATED AND IDENTIFIED BY BROWN, BROWN, BROWN STRIPES. PN 2325584-1 (SOCKET) IS GOLD PLATED AND IDENTIFIED BY BROWN, BROWN, BLUE STRIPES. PN 2325531-1 (PIN) IS GOLD PLATED AND IDENTIFIED BY BROWN, BROWN, BLACK STRIPES. PN 2325530-1 (SOCKET) IS GOLD PLATED AND IDENTIFIED BY BROWN, BROWN, GREEN STRIPES.
- 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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	26MAY2000	
		CHK	B.BYFORD	
		APVD	25JUN2012	
		PRODUCT SPEC	D.MEYER	
		APPLICATION SPEC	02JUL2012	
		WEIGHT	R.REED	
		CUSTOMER DRAWING	NAME	
		SCALE	PERFORMANCE AND APPLICATION CHAR OF SOLID OR STAMPED AND FORMED CONT AND APPLICABLE WIRE RANGES	
		SHEET	SIZE	
		OF	CAGE CODE	
		REV	DRAWING NO	
			RESTRICTED TO	
			A3 4AFU8	
			©=0425-015-0000	
			NONE	
			1 OF 2	
			V3	

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2018

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LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

S & F CONT. SIZE	STAMPED CONTACT PART NO's (PARTIAL LIST)		WIRE SIZE AWG [mm <sup>2</sup> ]	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	1060-12-01XX	1062-12-01XX	12-14 [4.0-2.0]	.113-.176 [2.87-4.47]	.250-.300 [6.35-7.62]	30 [134]	70 [311]	25
12	1060-12-02XX	1062-12-02XX	10 [6.0-4.0]	.140-.204 [3.56-5.18]	.250-.300 [6.35-7.62]	30 [134]	70 [311]	25
16	1060-14-01XX	1062-14-01XX	14-18 [2.0-0.75]	.095-.150 [2.41-3.81]	.150-.200 [3.81-5.08]	25 [111]	25 [111]	13
16	1060-14-10XX	1062-14-10XX	14-18 [2.0-0.75]	.095-.150 [2.41-3.81]	.150-.200 [3.81-5.08]	25 [111]	25 [111]	13
16	1060-16-01XX	1062-16-01XX	14-18 [2.0-0.75]	.075-.140 [1.90-3.55]	.150-.200 [3.81-5.08]	25 [111]	25 [111]	13
16	1060-16-06XX	1062-16-06XX	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	1060-16-07XX	1062-16-07XX	14-18 [2.0-0.75]	.075-.140 [1.90-3.55]	.150-.200 [3.81-5.08]	25 [111]	25 [111]	13
16	1060-16-09XX	1062-16-09XX	14-18 [2.0-0.75]	.075-.140 [1.90-3.55]	.150-.200 [3.81-5.08]	25 [111]	25 [111]	13
16	1060-16-12XX	1062-16-12XX	12-16 [2.5-1.0]	.075-.140 [1.90-3.55]	.175-.225 [4.45-5.72]	25 [111]	25 [111]	13
16	1060-16-13XX	1062-16-13XX	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	1062-16-14XX	12-16 [2.5-1.0]	.075-.140 [1.90-3.55]	.175-.225 [4.45-5.72]	25 [111]	25 [111]	13
20	1060-20-01XX	1062-20-01XX	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	1060-20-02XX	1062-20-02XX	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	1062-20-03XX	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	1060-20-06XX	1062-20-06XX	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 ±

FINISH

TE Connectivity

NAME  
PERFORMANCE AND APPLICATION CHAR  
OF SOLID OR STAMPED AND FORMED  
CONT AND APPLICABLE WIRE RANGES

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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A3	4AFU8	0425-015-0000	-
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SCALE	SHEET	OF	REV
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NONE	2	2	V3
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SEE SHEET 1 FOR SOLID CONTACTS.

1470-19 (3/11)