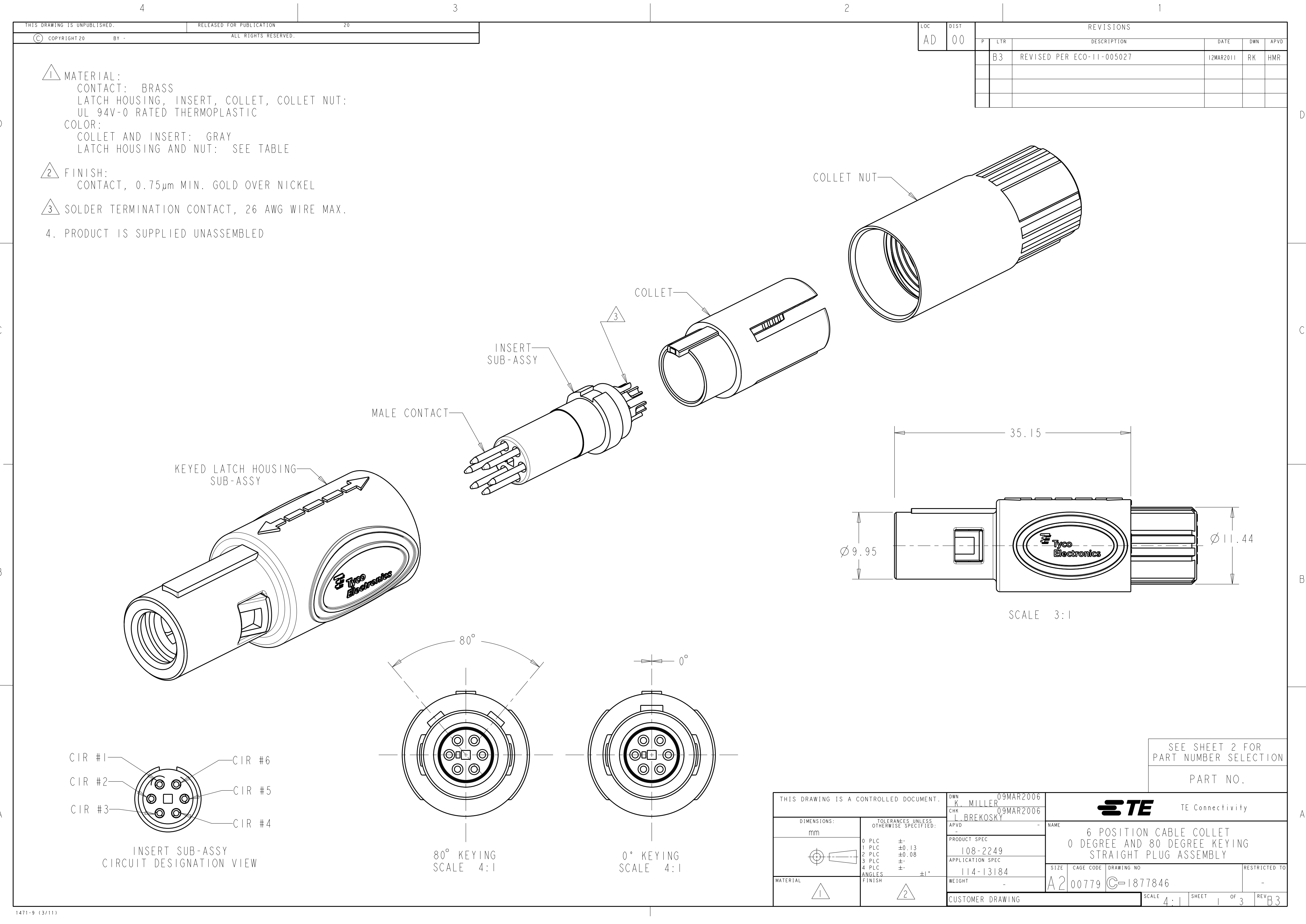




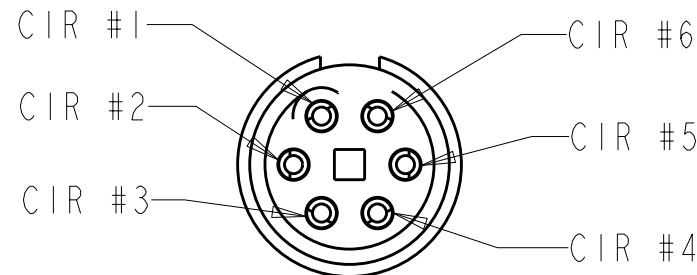
1 MATERIAL:
CONTACT: BRASS
LATCH HOUSING, INSERT, COLLET, COLLET NUT:
UL 94V-0 RATED THERMOPLASTIC
COLOR:
COLLET AND INSERT: GRAY
LATCH HOUSING AND NUT: SEE TABLE

2 FINISH:
CONTACT, 0.75µm MIN. GOLD OVER NICKEL

3 SOLDER TERMINATION CONTACT, 26 AWG WIRE MAX.

4. PRODUCT IS SUPPLIED UNASSEMBLED

LOC		DIST		REVISIONS					
AD		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
			B3			REVISED PER ECO-11-005027	12MAR2011	RK	HMR



INSERT SUB-ASSY
CIRCUIT DESIGNATION VIEW

80° KEYING
SCALE 4:1

0° KEYING
SCALE 4:1

SEE SHEET 2 FOR
PART NUMBER SELECTION

PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. MILLER CHK L. BREKOSKY APVD -		09MAR2006 09MAR2006 -		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 6 POSITION CABLE COLLET 0 DEGREE AND 80 DEGREE KEYING STRAIGHT PLUG ASSEMBLY			
		0 PLC ± 1 PLC ±0.13 2 PLC ±0.08 3 PLC ± 4 PLC ± ANGLES ±1° FINISH		PRODUCT SPEC 108-2249 APPLICATION SPEC 114-13184 WEIGHT -		RESTRICTED TO -	
MATERIAL 				SIZE A2		CAGE CODE 00779	
CUSTOMER DRAWING				DRAWING NO C-1877846		SHEET 1 OF 3	
				SCALE 4:1		REV B3	

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

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BY -

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LOC

DIST

AD

00

REVISIONS

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

Ø 2.7-Ø 3.9

BLUE

GRAY

80°

7-1877846-2

Ø 4.0-Ø 5.2

BLUE

GRAY

80°

7-1877846-1

Ø 5.3-Ø 6.5

BLUE

GRAY

80°

7-1877846-0

Ø 2.7-Ø 3.9

BLUE

GRAY

0°

6-1877846-9

Ø 4.0-Ø 5.2

BLUE

GRAY

0°

6-1877846-8

Ø 5.3-Ø 6.5

BLUE

GRAY

0°

6-1877846-7

Ø 2.7-Ø 3.9

BLUE

BLACK

80°

6-1877846-6

Ø 4.0-Ø 5.2

BLUE

BLACK

80°

6-1877846-5

Ø 5.3-Ø 6.5

BLUE

BLACK

80°

6-1877846-4

Ø 2.7-Ø 3.9

BLUE

BLACK

0°

6-1877846-3

Ø 4.0-Ø 5.2

BLUE

BLACK

0°

6-1877846-2

Ø 5.3-Ø 6.5

BLUE

BLACK

0°

6-1877846-1

Ø 2.7-Ø 3.9

GREEN

GRAY

80°

6-1877846-0

Ø 4.0-Ø 5.2

GREEN

GRAY

80°

5-1877846-9

Ø 5.3-Ø 6.5

GREEN

GRAY

80°

5-1877846-8

Ø 2.7-Ø 3.9

GREEN

GRAY

0°

5-1877846-7

Ø 4.0-Ø 5.2

GREEN

GRAY

0°

5-1877846-6

Ø 5.3-Ø 6.5

GREEN

GRAY

0°

5-1877846-5

Ø 2.7-Ø 3.9

GREEN

BLACK

80°

5-1877846-4

Ø 4.0-Ø 5.2

GREEN

BLACK

80°

5-1877846-3

Ø 5.3-Ø 6.5

GREEN

BLACK

80°

5-1877846-2

Ø 2.7-Ø 3.9

GREEN

BLACK

0°

5-1877846-1

Ø 4.0-Ø 5.2

GREEN

BLACK

0°

5-1877846-0

Ø 5.3-Ø 6.5

GREEN

BLACK

0°

4-1877846-9

Ø 2.7-Ø 3.9

YELLOW

GRAY

80°

4-1877846-8

Ø 4.0-Ø 5.2

YELLOW

GRAY

80°

4-1877846-7

Ø 5.3-Ø 6.5

YELLOW

GRAY

80°

4-1877846-6

Ø 2.7-Ø 3.9

YELLOW

GRAY

0°

4-1877846-5

Ø 4.0-Ø 5.2

YELLOW

GRAY

0°

4-1877846-4

Ø 5.3-Ø 6.5

YELLOW

GRAY

0°

4-1877846-3

Ø 2.7-Ø 3.9

YELLOW

BLACK

80°

4-1877846-2

Ø 4.0-Ø 5.2

YELLOW

BLACK

80°

4-1877846-1

Ø 5.3-Ø 6.5

YELLOW

BLACK

80°

4-1877846-0

Ø 2.7-Ø 3.9

YELLOW

BLACK

0°

3-1877846-9

Ø 4.0-Ø 5.2

YELLOW

BLACK

0°

3-1877846-8

Ø 5.3-Ø 6.5

YELLOW

BLACK

0°

3-1877846-7

CABLE RANGE

COLLET NUT
COLOR

LATCH HOUSING
COLOR

KEYING

PART NO.

PART NUMBERS 37 THRU 72

Ø 2.7-Ø 3.9

WHITE

GRAY

80°

3-1877846-6

Ø 4.0-Ø 5.2

WHITE

GRAY

80°

3-1877846-5

Ø 5.3-Ø 6.5

WHITE

GRAY

80°

3-1877846-4

Ø 2.7-Ø 3.9

WHITE

GRAY

0°

3-1877846-3

Ø 4.0-Ø 5.2

WHITE

GRAY

0°

3-1877846-2

Ø 5.3-Ø 6.5

WHITE

GRAY

0°

3-1877846-1

Ø 2.7-Ø 3.9

WHITE

BLACK

80°

3-1877846-0

Ø 4.0-Ø 5.2

WHITE

BLACK

80°

2-1877846-9

Ø 5.3-Ø 6.5

WHITE

BLACK

80°

2-1877846-8

Ø 2.7-Ø 3.9

WHITE

BLACK

0°

2-1877846-7

Ø 4.0-Ø 5.2

WHITE

BLACK

0°

2-1877846-6

Ø 5.3-Ø 6.5

WHITE

BLACK

0°

2-1877846-5

Ø 2.7-Ø 3.9

RED

GRAY

80°

2-1877846-4

Ø 4.0-Ø 5.2

RED

GRAY

80°

2-1877846-3

Ø 5.3-Ø 6.5

RED

GRAY

80°

2-1877846-2

Ø 2.7-Ø 3.9

RED

GRAY

0°

2-1877846-1

Ø 4.0-Ø 5.2

RED

GRAY

0°

2-1877846-0

Ø 5.3-Ø 6.5

RED

GRAY

0°

1-1877846-9

Ø 2.7-Ø 3.9

RED

BLACK

80°

1-1877846-8

Ø 4.0-Ø 5.2

RED

BLACK

80°

1-1877846-7

Ø 5.3-Ø 6.5

RED

BLACK

80°

1-1877846-6

Ø 2.7-Ø 3.9

RED

BLACK

0°

1-1877846-5

Ø 4.0-Ø 5.2

RED

BLACK

0°

1-1877846-4

Ø 5.3-Ø 6.5

RED

BLACK

0°

1-1877846-3

Ø 2.7-Ø 3.9

GRAY

GRAY

80°

1-1877846-2

Ø 4.0-Ø 5.2

GRAY

GRAY

80°

1-1877846-1

Ø 5.3-Ø 6.5

GRAY

GRAY

80°

1-1877846-0

Ø 2.7-Ø 3.9

GRAY

GRAY

0°

1877846-9

Ø 4.0-Ø 5.2

GRAY

GRAY

0°

1877846-8

Ø 5.3-Ø 6.5

GRAY

GRAY

0°

1877846-7

Ø 2.7-Ø 3.9

BLACK

BLACK

80°

1877846-6

Ø 4.0-Ø 5.2

BLACK

BLACK

80°

1877846-5

Ø 5.3-Ø 6.5

BLACK

BLACK

80°

1877846-4

Ø 2.7-Ø 3.9

BLACK

BLACK

0°

1877846-3

Ø 4.0-Ø 5.2

BLACK

BLACK

0°

1877846-2

Ø 5.3-Ø 6.5

BLACK

BLACK

0°

1877846-1

CABLE RANGE

COLLET NUT
COLOR

LATCH HOUSING
COLOR

KEYING

PART NO.

PART NUMBERS 1 THRU 36

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.13
2 PLC ±0.08
3 PLC ±
4 PLC ±
ANGLES ±1°
FINISH

MATERIAL

-

DWN
K. MILLER
CHK
L. BREKOSKY
APVD
-
PRODUCT SPEC
108-2249
APPLICATION SPEC
114-13184
WEIGHT
-
CUSTOMER DRAWING

09MAR2006
09MAR2006
-
NAME
6 POSITION CABLE COLLET
0 DEGREE AND 80 DEGREE KEYING
STRAIGHT PLUG ASSEMBLY
SIZE
A2
CAGE CODE
00779
DRAWING NO
1877846
RESTRICTED TO
-
SCALE
4:1
SHEET
2
OF
3
REV
B3

TE Connectivity

1471-9 (3/11)

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09MAR2006 K. MILLER CHR 09MAR2006 L. BREKOSKY		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.13 2 PLC ±0.08 3 PLC ±. 4 PLC ±. ANGLES ±1°		NAME 6 POSITION CABLE COLLET 0 DEGREE AND 80 DEGREE KEYING STRAIGHT PLUG ASSEMBLY	
		PRODUCT SPEC 108-2249 APPLICATION SPEC 114-13184		SIZE A2	
MATERIAL -		FINISH -		CAGE CODE 00779	
WEIGHT -		DRAWING NO C-1877846		RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 4:1	
SHEET 3 OF 3				REV B3	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6-1877846-4](#)