

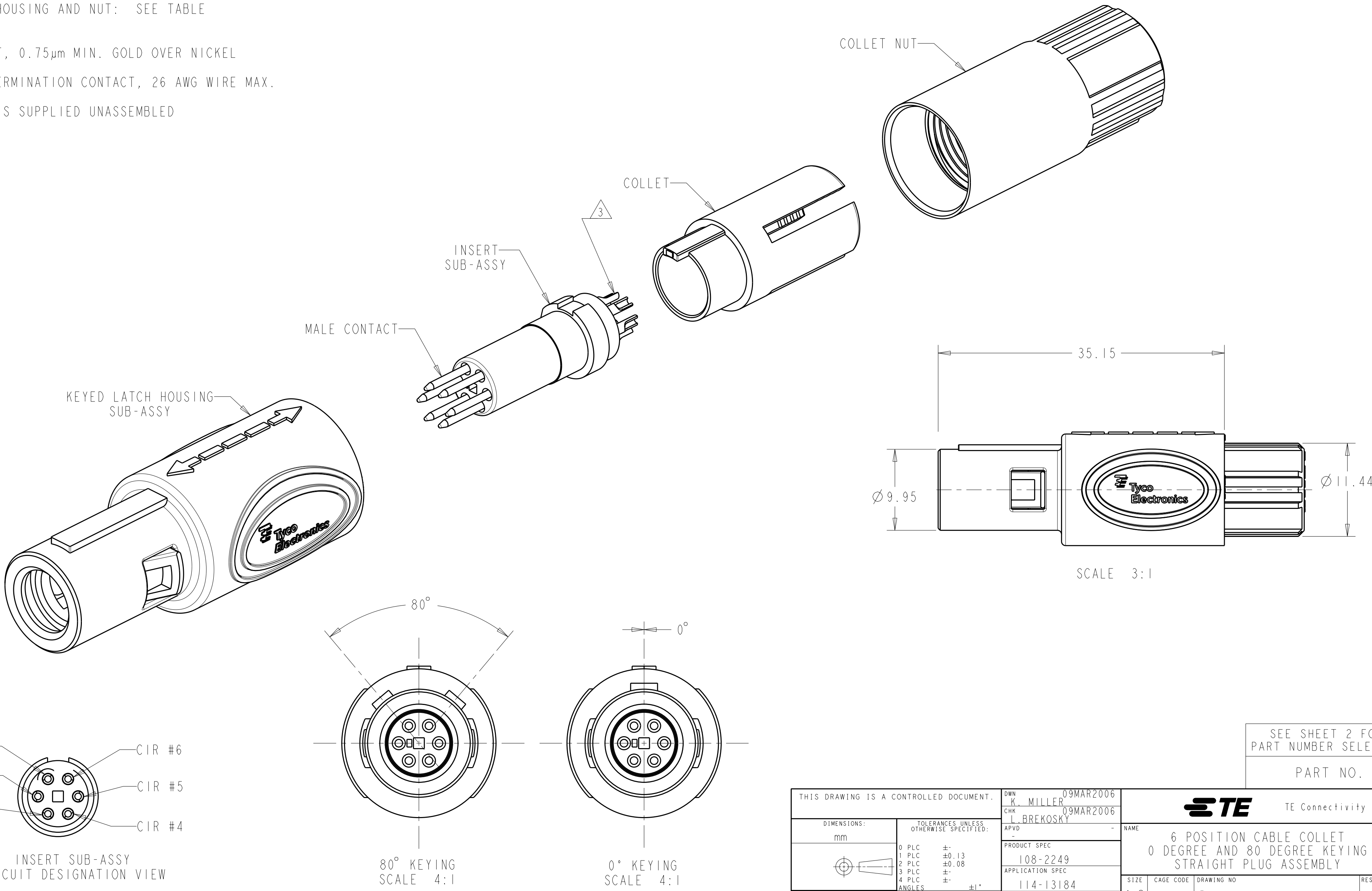
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B3	REVISED PER ECO-11-005027	12MAR2011	RK	HMR

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



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 -		SIZE A2	CAGE CODE 00779	DRAWING NO C-1877846
MATERIAL 1		CUSTOMER DRAWING		SCALE 4:1	SHEET 1	OF 3
				REV B3		

4

3

2

1

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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.

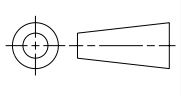
PART NUMBERS 1 THRU 36

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DWN
K. MILLER
CHK
L. BREKOSKY
APVD
-

09MAR2006
09MAR2006
-

DIMENSIONS:
mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±0.13
2 PLC ±0.08
3 PLC ±
4 PLC ±
ANGLES ±1°
FINISH

MATERIAL
-

-

PRODUCT SPEC
108-2249
APPLICATION SPEC
114-13184
WEIGHT
-

CUSTOMER DRAWING

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)

4

3

2

1

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LOC

DIST

AD

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REVISIONS

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

Ø 2.7-Ø 3.9	BLACK	GRAY	80°	8-1877846-4
Ø 4.0-Ø 5.2	BLACK	GRAY	80°	8-1877846-3
Ø 5.3-Ø 6.5	BLACK	GRAY	80°	8-1877846-2
Ø 2.7-Ø 3.9	BLACK	GRAY	0°	8-1877846-1
Ø 4.0-Ø 5.2	BLACK	GRAY	0°	8-1877846-0
Ø 5.3-Ø 6.5	BLACK	GRAY	0°	7-1877846-9
Ø 2.7-Ø 3.9	GRAY	BLACK	80°	7-1877846-8
Ø 4.0-Ø 5.2	GRAY	BLACK	80°	7-1877846-7
Ø 5.3-Ø 6.5	GRAY	BLACK	80°	7-1877846-6
Ø 2.7-Ø 3.9	GRAY	BLACK	0°	7-1877846-5
Ø 4.0-Ø 5.2	GRAY	BLACK	0°	7-1877846-4
Ø 5.3-Ø 6.5	GRAY	BLACK	0°	7-1877846-3
CABLE RANGE	BACK-NUT COLOR	LATCH HOUSING COLOR	KEYING	PART NO.
PART NUMBERS 73 THRU 84				

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

09MAR2006

09MAR2006

-

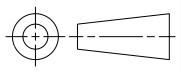
108-2249

114-13184

-

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±0.13

2 PLC ±0.08

3 PLC ±-

4 PLC ±-

ANGLES ±1°

FINISH

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

6 POSITION CABLE COLLET
0 DEGREE AND 80 DEGREE KEYING
STRAIGHT PLUG ASSEMBLY

A200779

1877846

-

SCALE

SHEET

OF

REV

4:1

3

3

B3

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

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[5-1877846-2](#)