

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

D

C

B

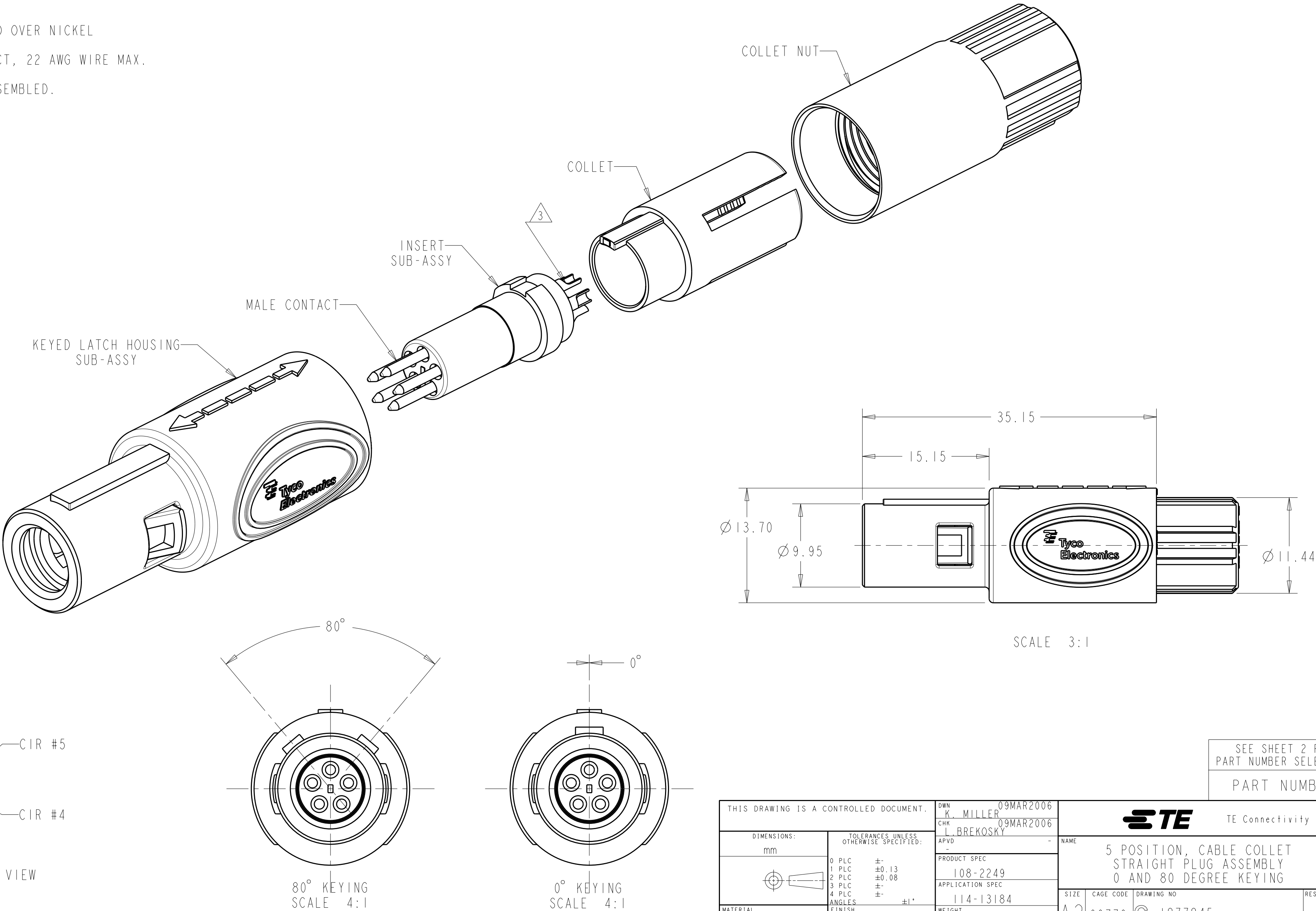
A

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, 22 AWG WIRE MAX.

4. PRODUCT IS SUPPLIED UNASSEMBLED.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. MILLER CHK L. BREKOSKY APVD -	09MAR2006 09MAR2006 -	SEE SHEET 2 FOR PART NUMBER SELECTION	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PART NUMBER	
0 PLC ± 1 PLC ±0.13 2 PLC ±0.08 3 PLC ± 4 PLC ±		±1°		5 POSITION, CABLE COLLET STRAIGHT PLUG ASSEMBLY 0 AND 80 DEGREE KEYING	
MATERIAL		FINISH		SIZE A2	CAGE CODE 00779
1		2		DRAWING NO 114-13184	RESTRICTED TO -
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°

7-1877845-2

Ø 4.0-Ø 5.2

BLUE

GRAY

80°

7-1877845-1

Ø 5.3-Ø 6.5

BLUE

GRAY

80°

7-1877845-0

Ø 2.7-Ø 3.9

BLUE

GRAY

0°

6-1877845-9

Ø 4.0-Ø 5.2

BLUE

GRAY

0°

6-1877845-8

Ø 5.3-Ø 6.5

BLUE

GRAY

0°

6-1877845-7

Ø 2.7-Ø 3.9

BLUE

BLACK

80°

6-1877845-6

Ø 4.0-Ø 5.2

BLUE

BLACK

80°

6-1877845-5

Ø 5.3-Ø 6.5

BLUE

BLACK

80°

6-1877845-4

Ø 2.7-Ø 3.9

BLUE

BLACK

0°

6-1877845-3

Ø 4.0-Ø 5.2

BLUE

BLACK

0°

6-1877845-2

Ø 5.3-Ø 6.5

BLUE

BLACK

0°

6-1877845-1

Ø 2.7-Ø 3.9

GREEN

GRAY

80°

6-1877845-0

Ø 4.0-Ø 5.2

GREEN

GRAY

80°

5-1877845-9

Ø 5.3-Ø 6.5

GREEN

GRAY

80°

5-1877845-8

Ø 2.7-Ø 3.9

GREEN

GRAY

0°

5-1877845-7

Ø 4.0-Ø 5.2

GREEN

GRAY

0°

5-1877845-6

Ø 5.3-Ø 6.5

GREEN

GRAY

0°

5-1877845-5

Ø 2.7-Ø 3.9

GREEN

BLACK

80°

5-1877845-4

Ø 4.0-Ø 5.2

GREEN

BLACK

80°

5-1877845-3

Ø 5.3-Ø 6.5

GREEN

BLACK

80°

5-1877845-2

Ø 2.7-Ø 3.9

GREEN

BLACK

0°

5-1877845-1

Ø 4.0-Ø 5.2

GREEN

BLACK

0°

5-1877845-0

Ø 5.3-Ø 6.5

GREEN

BLACK

0°

4-1877845-9

Ø 2.7-Ø 3.9

YELLOW

GRAY

80°

4-1877845-8

Ø 4.0-Ø 5.2

YELLOW

GRAY

80°

4-1877845-7

Ø 5.3-Ø 6.5

YELLOW

GRAY

80°

4-1877845-6

Ø 2.7-Ø 3.9

YELLOW

GRAY

0°

4-1877845-5

Ø 4.0-Ø 5.2

YELLOW

GRAY

0°

4-1877845-4

Ø 5.3-Ø 6.5

YELLOW

GRAY

0°

4-1877845-3

Ø 2.7-Ø 3.9

YELLOW

BLACK

80°

4-1877845-2

Ø 4.0-Ø 5.2

YELLOW

BLACK

80°

4-1877845-1

Ø 5.3-Ø 6.5

YELLOW

BLACK

80°

4-1877845-0

Ø 2.7-Ø 3.9

YELLOW

BLACK

0°

3-1877845-9

Ø 4.0-Ø 5.2

YELLOW

BLACK

0°

3-1877845-8

Ø 5.3-Ø 6.5

YELLOW

BLACK

0°

3-1877845-7

CABLE RANGE

BACK-NUT
COLOR

LATCH HOUSING
COLOR

KEYING

PART NO.

PART NUMBERS 37 THRU 72

Ø 2.7-Ø 3.9

WHITE

GRAY

80°

3-1877845-6

Ø 4.0-Ø 5.2

WHITE

GRAY

80°

3-1877845-5

Ø 5.3-Ø 6.5

WHITE

GRAY

80°

3-1877845-4

Ø 2.7-Ø 3.9

WHITE

GRAY

0°

3-1877845-3

Ø 4.0-Ø 5.2

WHITE

GRAY

0°

3-1877845-2

Ø 5.3-Ø 6.5

WHITE

GRAY

0°

3-1877845-1

Ø 2.7-Ø 3.9

WHITE

BLACK

80°

3-1877845-0

Ø 4.0-Ø 5.2

WHITE

BLACK

80°

2-1877845-9

Ø 5.3-Ø 6.5

WHITE

BLACK

80°

2-1877845-8

Ø 2.7-Ø 3.9

WHITE

BLACK

0°

2-1877845-7

Ø 4.0-Ø 5.2

WHITE

BLACK

0°

2-1877845-6

Ø 5.3-Ø 6.5

WHITE

BLACK

0°

2-1877845-5

Ø 2.7-Ø 3.9

RED

GRAY

80°

2-1877845-4

Ø 4.0-Ø 5.2

RED

GRAY

80°

2-1877845-3

Ø 5.3-Ø 6.5

RED

GRAY

80°

2-1877845-2

Ø 2.7-Ø 3.9

RED

GRAY

0°

2-1877845-1

Ø 4.0-Ø 5.2

RED

GRAY

0°

2-1877845-0

Ø 5.3-Ø 6.5

RED

GRAY

0°

1-1877845-9

Ø 2.7-Ø 3.9

RED

BLACK

80°

1-1877845-8

Ø 4.0-Ø 5.2

RED

BLACK

80°

1-1877845-7

Ø 5.3-Ø 6.5

RED

BLACK

80°

1-1877845-6

Ø 2.7-Ø 3.9

RED

BLACK

0°

1-1877845-5

Ø 4.0-Ø 5.2

RED

BLACK

0°

1-1877845-4

Ø 5.3-Ø 6.5

RED

BLACK

0°

1-1877845-3

Ø 2.7-Ø 3.9

GRAY

GRAY

80°

1-1877845-2

Ø 4.0-Ø 5.2

GRAY

GRAY

80°

1-1877845-1

Ø 5.3-Ø 6.5

GRAY

GRAY

80°

1-1877845-0

Ø 2.7-Ø 3.9

GRAY

GRAY

0°

1877845-9

Ø 4.0-Ø 5.2

GRAY

GRAY

0°

1877845-8

Ø 5.3-Ø 6.5

GRAY

GRAY

0°

1877845-7

Ø 2.7-Ø 3.9

BLACK

BLACK

80°

1877845-6

Ø 4.0-Ø 5.2

BLACK

BLACK

80°

1877845-5

Ø 5.3-Ø 6.5

BLACK

BLACK

80°

1877845-4

Ø 2.7-Ø 3.9

BLACK

BLACK

0°

1877845-3

Ø 4.0-Ø 5.2

BLACK

BLACK

0°

1877845-2

Ø 5.3-Ø 6.5

BLACK

BLACK

0°

1877845-1

CABLE RANGE

BACK-NUT
COLOR

LATCH HOUSING
COLOR

KEYING

PART NO.

PART NUMBERS 1 THRU 36

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

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

09MAR2006
09MAR2006
-
NAME
5 POSITION, CABLE COLLET
STRAIGHT PLUG ASSEMBLY
0 AND 80 DEGREE KEYING
SIZE
A2
CAGE CODE
00779
DRAWING NO
1877845
RESTRICTED TO
-
SCALE
4:1
SHEET
2
OF
3
REV
B3

1471-9 (3/11)

4

3

2

1

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LOC

DIST

AD00

REVISIONS

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

Ø 2.7-Ø 3.9	BLACK	GRAY	80°	8-1877845-4
Ø 4.0-Ø 5.2	BLACK	GRAY	80°	8-1877845-3
Ø 5.3-Ø 6.5	BLACK	GRAY	80°	8-1877845-2
Ø 2.7-Ø 3.9	BLACK	GRAY	0°	8-1877845-1
Ø 4.0-Ø 5.2	BLACK	GRAY	0°	8-1877845-0
Ø 5.3-Ø 6.5	BLACK	GRAY	0°	7-1877845-9
Ø 2.7-Ø 3.9	GRAY	BLACK	80°	7-1877845-8
Ø 4.0-Ø 5.2	GRAY	BLACK	80°	7-1877845-7
Ø 5.3-Ø 6.5	GRAY	BLACK	80°	7-1877845-6
Ø 2.7-Ø 3.9	GRAY	BLACK	0°	7-1877845-5
Ø 4.0-Ø 5.2	GRAY	BLACK	0°	7-1877845-4
Ø 5.3-Ø 6.5	GRAY	BLACK	0°	7-1877845-3
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

MATERIAL

-

TE Connectivity

5 POSITION, CABLE COLLET
STRAIGHT PLUG ASSEMBLY
0 AND 80 DEGREE KEYING

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

1877845

-

SCALE

SHEET

OF

REV

4:1

3

3

B3

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6-1877845-0](#)