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

D

C

B

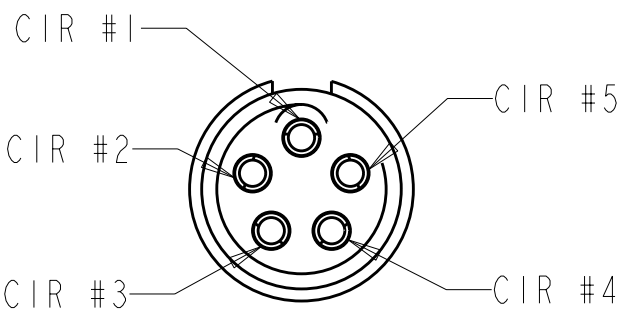
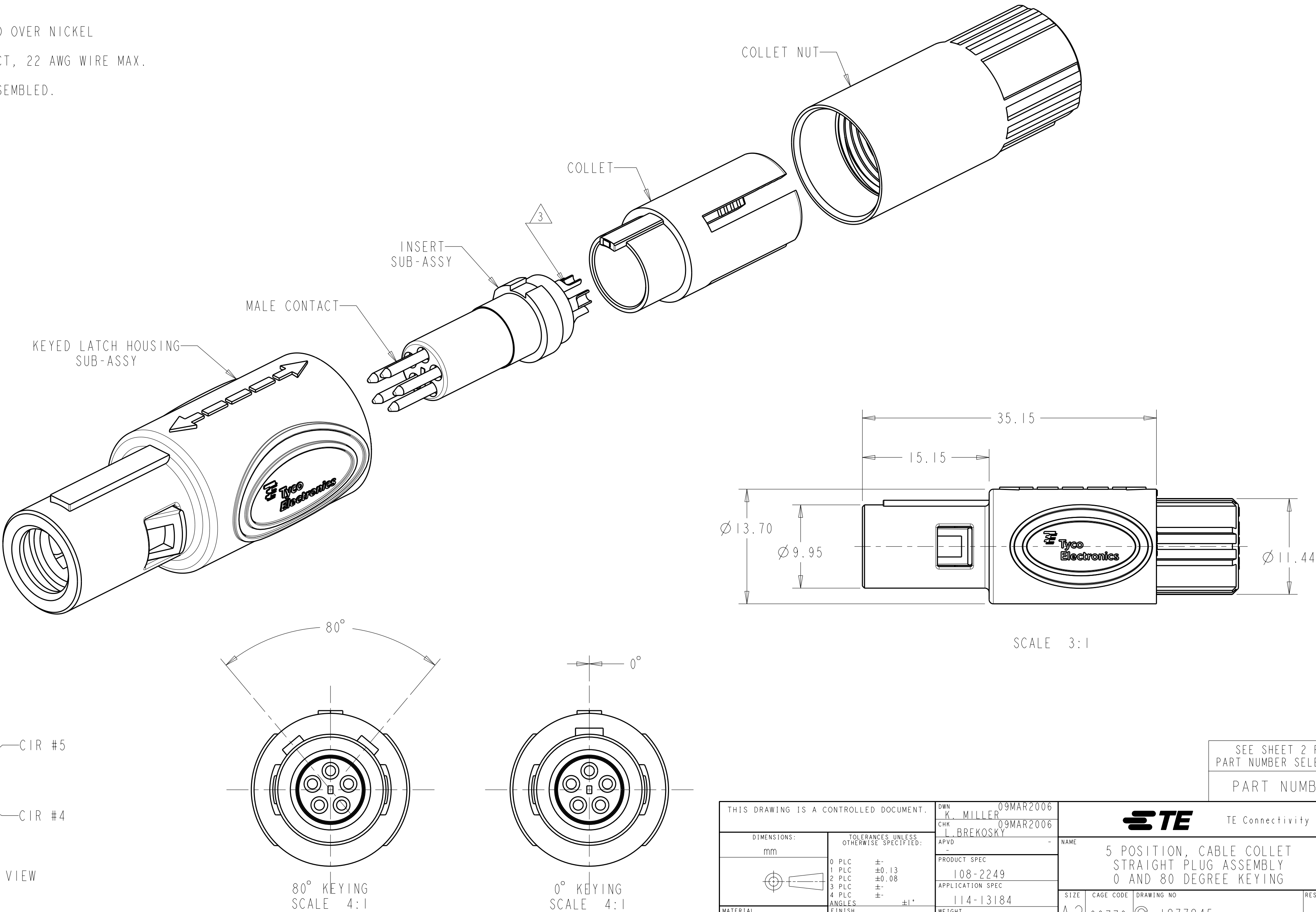
A

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.



INSERT SUB-ASSY
CIRCUIT DESIGNATION VIEW

80° KEYING
SCALE 4:1

0° KEYING
SCALE 4:1

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°		TE Connectivity	
MATERIAL		FINISH		5 POSITION, CABLE COLLET STRAIGHT PLUG ASSEMBLY 0 AND 80 DEGREE KEYING	
1		2		SIZE A2	CAGE CODE 00779
CUSTOMER DRAWING		DRAWING NO 114-13184		DRAWING NO 114-13184	RESTRICTED TO -
SCALE 4:1		SHEET 1 OF 3		REV B3	

4

3

2

1

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LOCAD

DIST00

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
-

09MAR2006
09MAR2006
-

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

CUSTOMER DRAWING

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

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°	8-1877845-4
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

-

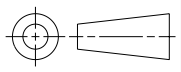
108-2249

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

-

-

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

4:1

SHEET

3

OF

3

REV

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