

THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION	20
© COPYRIGHT 20	BY -	ALL RIGHTS RESERVED.

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

D

C

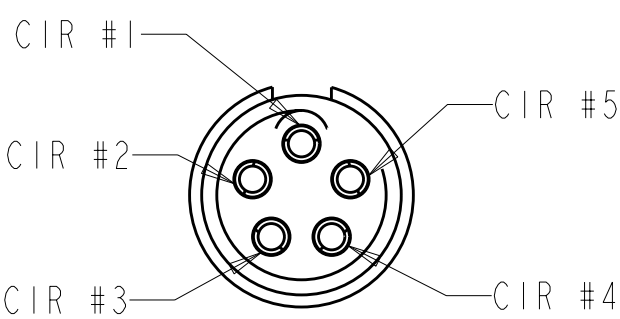
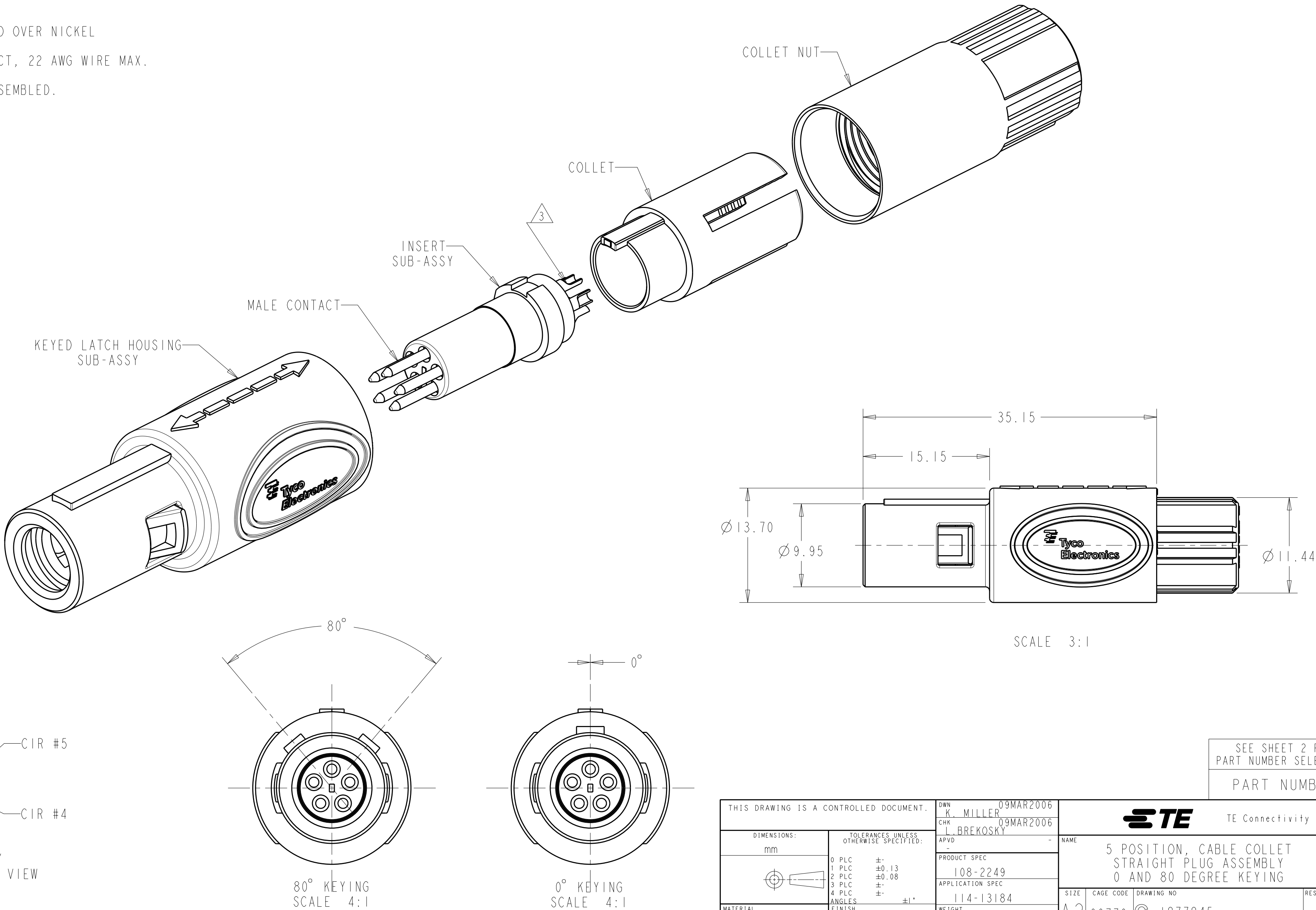
B

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 PART NUMBER		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		TE Connectivity		
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	DRAWING NO 114-13184
1		2		RESTRICTED TO -	SCALE 4:1	
CUSTOMER DRAWING		SHEET 1		OF 3	REV B3	

THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION	20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.		

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
6			-	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.

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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09MAR2006 K. MILLER CHK 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 5 POSITION, CABLE COLLET STRAIGHT PLUG ASSEMBLY 0 AND 80 DEGREE KEYING	
		PRODUCT SPEC 108-2249 APPLICATION SPEC 114-13184		SIZE A2	
MATERIAL 		FINISH 		CAGE CODE 00779	
		WEIGHT -		DRAWING NO C-1877845	
CUSTOMER DRAWING				RESTRICTED TO -	
				SCALE 4:1	
				SHEET 2 of 3	
				REV B3	

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

© COPYRIGHT 20

BY -

ALL RIGHTS RESERVED.

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

K. MILLER

09MAR2006

CHK

L. BREKOSKY

09MAR2006

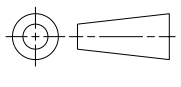
APVD

-

-

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

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

3

OF

3

REV

B3

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[3-1877845-0](#)