

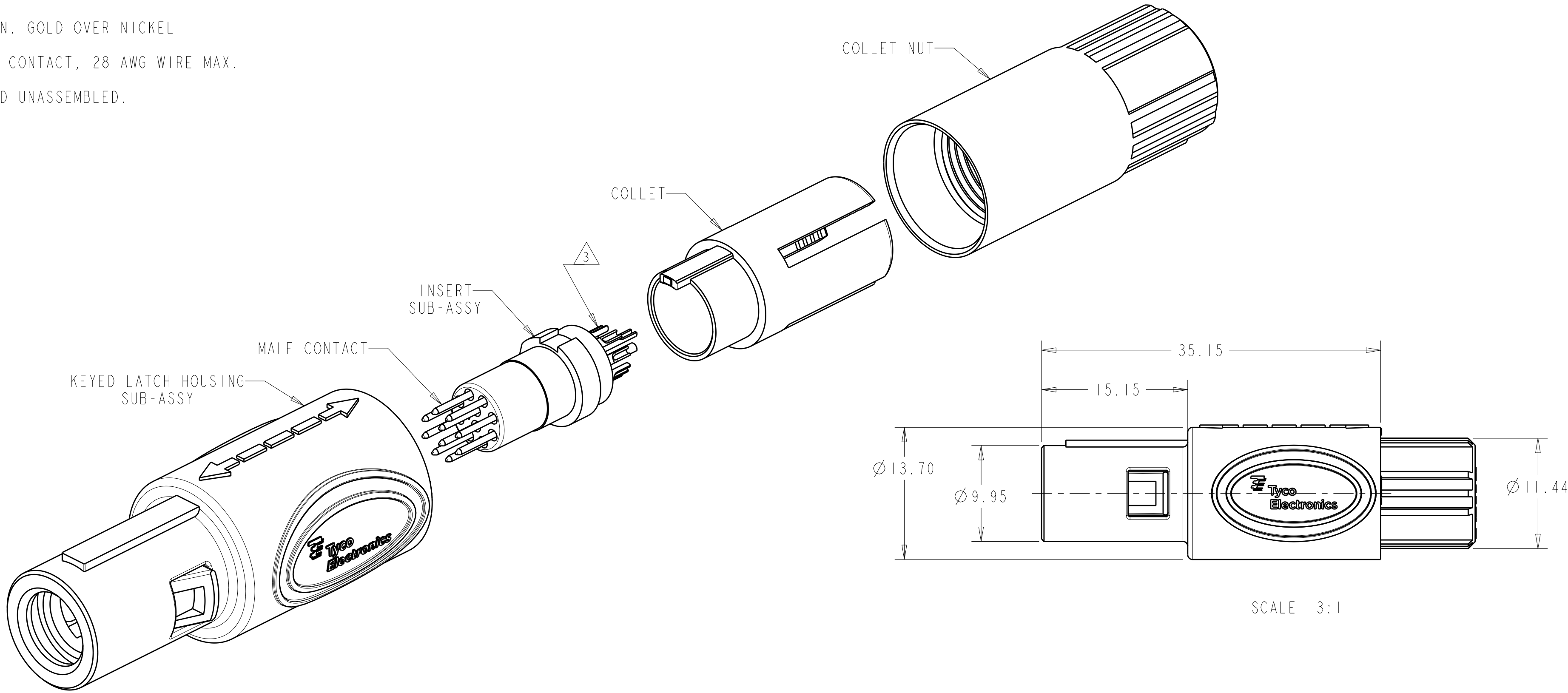
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B3	REVISED PER ECO-11-005027	12MAR2011	RK	HMR

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

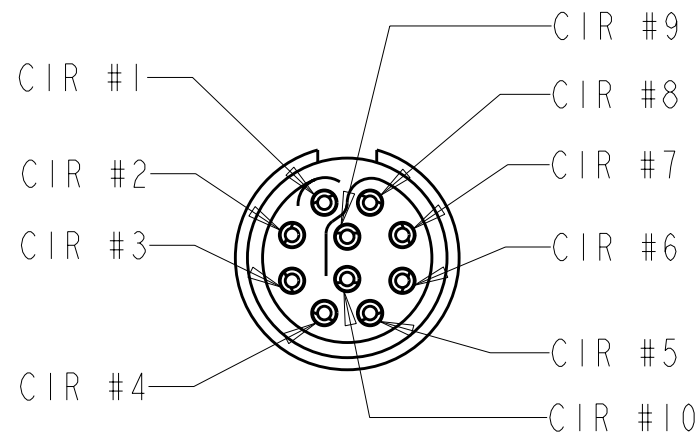
2 FINISH:
CONTACT, 0.75µm MIN. GOLD OVER NICKEL

3 SOLDER TERMINATION CONTACT, 28 AWG WIRE MAX.

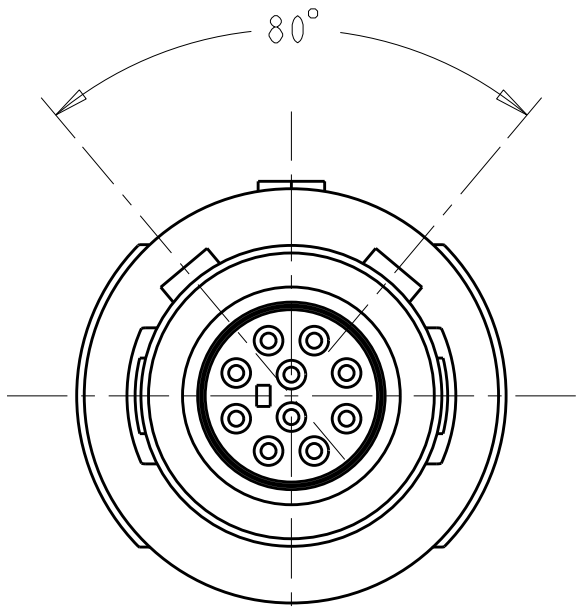
4. PRODUCT IS SUPPLIED UNASSEMBLED.



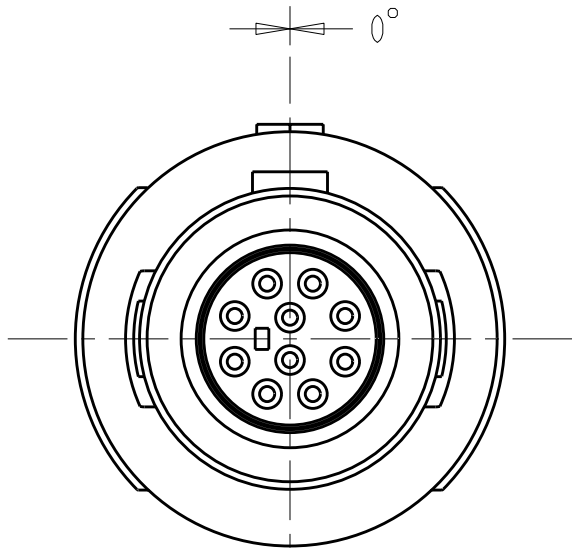
SCALE 3:1



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 09MAR2006	TE Connectivity			
		CHK L. BREKOSKY 09MAR2006				
DIMENSIONS: mm		APVD -	NAME 10 POSITION, CABLE COLLET STRAIGHT PLUG ASSEMBLY 0 AND 80 DEGREE KEYING			
		PRODUCT SPEC 108-2249				
		APPLICATION SPEC 114-13184				
MATERIAL		WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C-1877848	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 4:1	SHEET 1	OF 3	REV B3

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

20

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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°

7-1877848-2

Ø 4.0-Ø 5.2

BLUE

GRAY

80°

7-1877848-1

Ø 5.3-Ø 6.5

BLUE

GRAY

80°

7-1877848-0

Ø 2.7-Ø 3.9

BLUE

GRAY

0°

6-1877848-9

Ø 4.0-Ø 5.2

BLUE

GRAY

0°

6-1877848-8

Ø 5.3-Ø 6.5

BLUE

GRAY

0°

6-1877848-7

Ø 2.7-Ø 3.9

BLUE

BLACK

80°

6-1877848-6

Ø 4.0-Ø 5.2

BLUE

BLACK

80°

6-1877848-5

Ø 5.3-Ø 6.5

BLUE

BLACK

80°

6-1877848-4

Ø 2.7-Ø 3.9

BLUE

BLACK

0°

6-1877848-3

Ø 4.0-Ø 5.2

BLUE

BLACK

0°

6-1877848-2

Ø 5.3-Ø 6.5

BLUE

BLACK

0°

6-1877848-1

Ø 2.7-Ø 3.9

GREEN

GRAY

80°

6-1877848-0

Ø 4.0-Ø 5.2

GREEN

GRAY

80°

5-1877848-9

Ø 5.3-Ø 6.5

GREEN

GRAY

80°

5-1877848-8

Ø 2.7-Ø 3.9

GREEN

GRAY

0°

5-1877848-7

Ø 4.0-Ø 5.2

GREEN

GRAY

0°

5-1877848-6

Ø 5.3-Ø 6.5

GREEN

GRAY

0°

5-1877848-5

Ø 2.7-Ø 3.9

GREEN

BLACK

80°

5-1877848-4

Ø 4.0-Ø 5.2

GREEN

BLACK

80°

5-1877848-3

Ø 5.3-Ø 6.5

GREEN

BLACK

80°

5-1877848-2

Ø 2.7-Ø 3.9

GREEN

BLACK

0°

5-1877848-1

Ø 4.0-Ø 5.2

GREEN

BLACK

0°

5-1877848-0

Ø 5.3-Ø 6.5

GREEN

BLACK

0°

4-1877848-9

Ø 2.7-Ø 3.9

YELLOW

GRAY

80°

4-1877848-8

Ø 4.0-Ø 5.2

YELLOW

GRAY

80°

4-1877848-7

Ø 5.3-Ø 6.5

YELLOW

GRAY

80°

4-1877848-6

Ø 2.7-Ø 3.9

YELLOW

GRAY

0°

4-1877848-5

Ø 4.0-Ø 5.2

YELLOW

GRAY

0°

4-1877848-4

Ø 5.3-Ø 6.5

YELLOW

GRAY

0°

4-1877848-3

Ø 2.7-Ø 3.9

YELLOW

BLACK

80°

4-1877848-2

Ø 4.0-Ø 5.2

YELLOW

BLACK

80°

4-1877848-1

Ø 5.3-Ø 6.5

YELLOW

BLACK

80°

4-1877848-0

Ø 2.7-Ø 3.9

YELLOW

BLACK

0°

3-1877848-9

Ø 4.0-Ø 5.2

YELLOW

BLACK

0°

3-1877848-8

Ø 5.3-Ø 6.5

YELLOW

BLACK

0°

3-1877848-7

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°

3-1877848-6

Ø 4.0-Ø 5.2

WHITE

GRAY

80°

3-1877848-5

Ø 5.3-Ø 6.5

WHITE

GRAY

80°

3-1877848-4

Ø 2.7-Ø 3.9

WHITE

GRAY

0°

3-1877848-3

Ø 4.0-Ø 5.2

WHITE

GRAY

0°

3-1877848-2

Ø 5.3-Ø 6.5

WHITE

GRAY

0°

3-1877848-1

Ø 2.7-Ø 3.9

WHITE

BLACK

80°

3-1877848-0

Ø 4.0-Ø 5.2

WHITE

BLACK

80°

2-1877848-9

Ø 5.3-Ø 6.5

WHITE

BLACK

80°

2-1877848-8

Ø 2.7-Ø 3.9

WHITE

BLACK

0°

2-1877848-7

Ø 4.0-Ø 5.2

WHITE

BLACK

0°

2-1877848-6

Ø 5.3-Ø 6.5

WHITE

BLACK

0°

2-1877848-5

Ø 2.7-Ø 3.9

RED

GRAY

80°

2-1877848-4

Ø 4.0-Ø 5.2

RED

GRAY

80°

2-1877848-3

Ø 5.3-Ø 6.5

RED

GRAY

80°

2-1877848-2

Ø 2.7-Ø 3.9

RED

GRAY

0°

2-1877848-1

Ø 4.0-Ø 5.2

RED

GRAY

0°

2-1877848-0

Ø 5.3-Ø 6.5

RED

GRAY

0°

1-1877848-9

Ø 2.7-Ø 3.9

RED

BLACK

80°

1-1877848-8

Ø 4.0-Ø 5.2

RED

BLACK

80°

1-1877848-7

Ø 5.3-Ø 6.5

RED

BLACK

80°

1-1877848-6

Ø 2.7-Ø 3.9

RED

BLACK

0°

1-1877848-5

Ø 4.0-Ø 5.2

RED

BLACK

0°

1-1877848-4

Ø 5.3-Ø 6.5

RED

BLACK

0°

1-1877848-3

Ø 2.7-Ø 3.9

GRAY

GRAY

80°

1-1877848-2

Ø 4.0-Ø 5.2

GRAY

GRAY

80°

1-1877848-1

Ø 5.3-Ø 6.5

GRAY

GRAY

80°

1-1877848-0

Ø 2.7-Ø 3.9

GRAY

GRAY

0°

1877848-9

Ø 4.0-Ø 5.2

GRAY

GRAY

0°

1877848-8

Ø 5.3-Ø 6.5

GRAY

GRAY

0°

1877848-7

Ø 2.7-Ø 3.9

BLACK

BLACK

80°

1877848-6

Ø 4.0-Ø 5.2

BLACK

BLACK

80°

1877848-5

Ø 5.3-Ø 6.5

BLACK

BLACK

80°

1877848-4

Ø 2.7-Ø 3.9

BLACK

BLACK

0°

1877848-3

Ø 4.0-Ø 5.2

BLACK

BLACK

0°

1877848-2

Ø 5.3-Ø 6.5

BLACK

BLACK

0°

1877848-1

CABLE RANGE

COLLET NUT
COLOR

LATCH HOUSING
COLOR

KEYING

PART NO.

PART NUMBERS 1 THRU 36

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

NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

©1877848

-

SCALE

4:1

SHEET

2

OF

3

REV

B3

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 CHK 09MAR2006 L. BREKOSKY		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME 10 POSITION, CABLE COLLET STRAIGHT PLUG ASSEMBLY 0 AND 80 DEGREE KEYING	
		0 PLC ±. 1 PLC ±0.13 2 PLC ±0.08 3 PLC ±. 4 PLC ±. ANGLES ±1°		PRODUCT SPEC 108-2249 APPLICATION SPEC 114-13184	
MATERIAL -		FINISH -		SIZE A2	
		WEIGHT -		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C-1877848	
				RESTRICTED TO -	
				SCALE 4:1	
				SHEET 3 OF 3	
				REV B3	

Mouser Electronics

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[TE Connectivity:](#)

[6-1877848-8](#)