

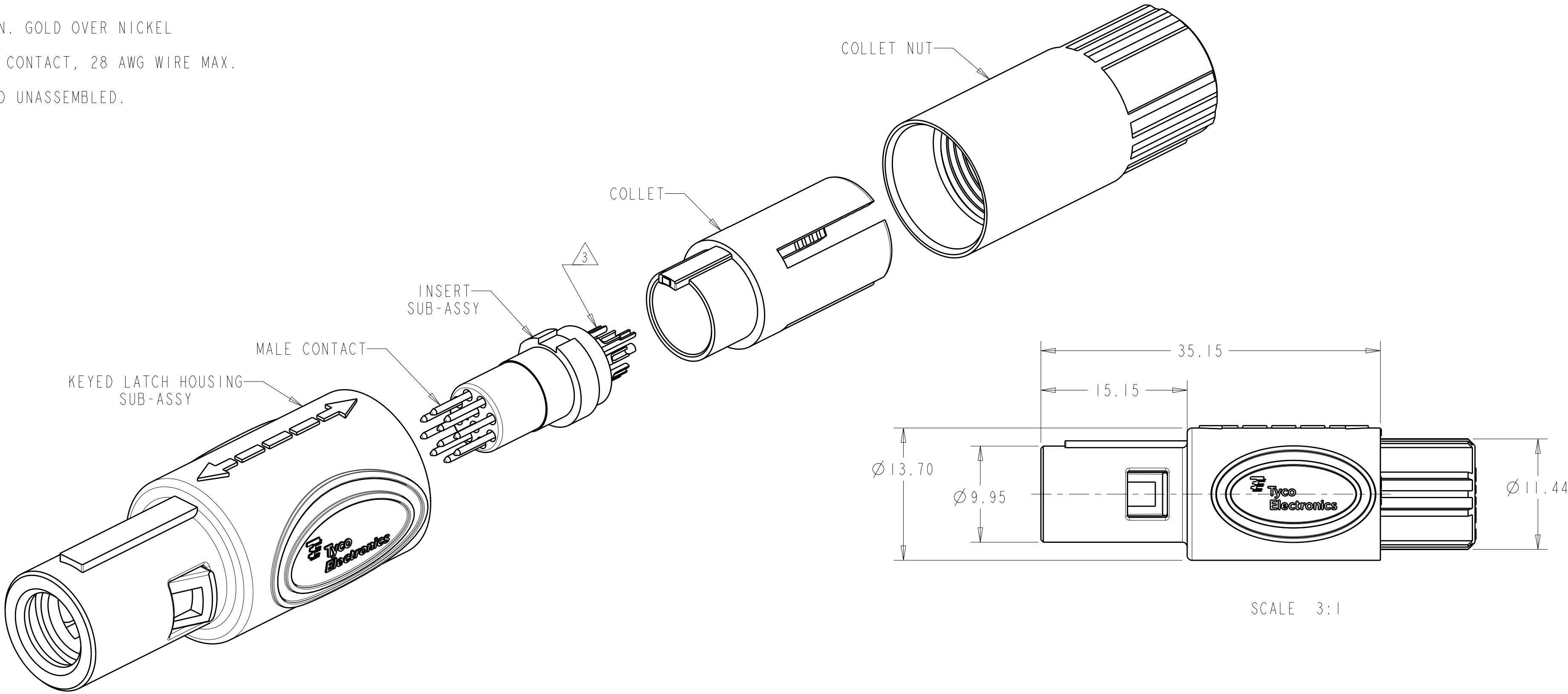
LOC	DIST	REVISIONS			
AD	00	P	LTR	DESCRIPTION	DATE
					DWN
					APVD
		B3		REVISED PER ECO-11-005027	12MAR2011
					RK
					HMR

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

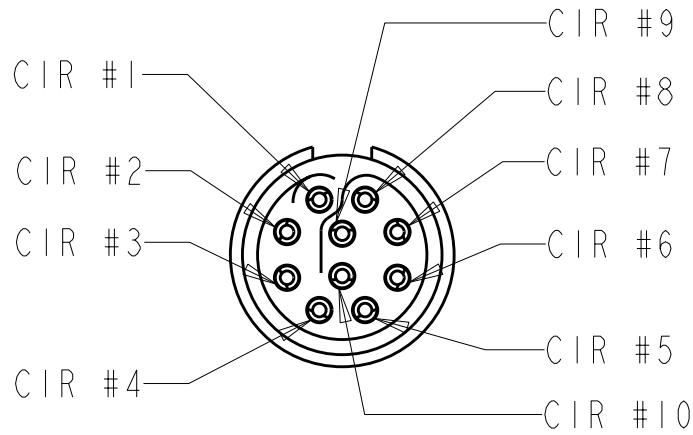
2 FINISH:
CONTACT, 0.75µm MIN. GOLD OVER NICKEL

3 SOLDER TERMINATION CONTACT, 28 AWG WIRE MAX.

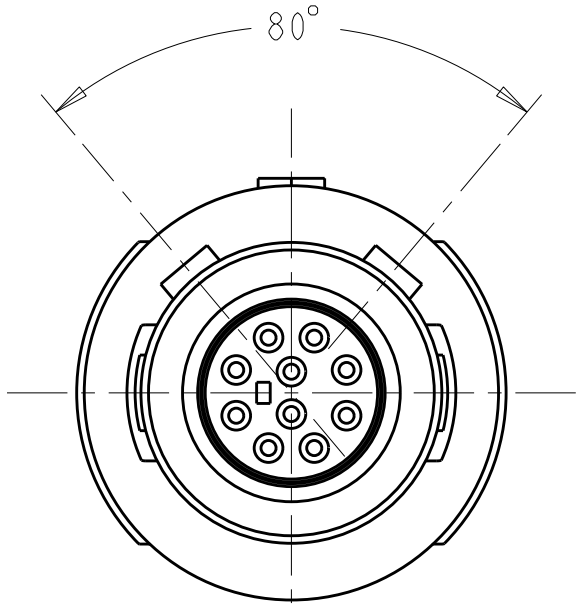
4. PRODUCT IS SUPPLIED UNASSEMBLED.



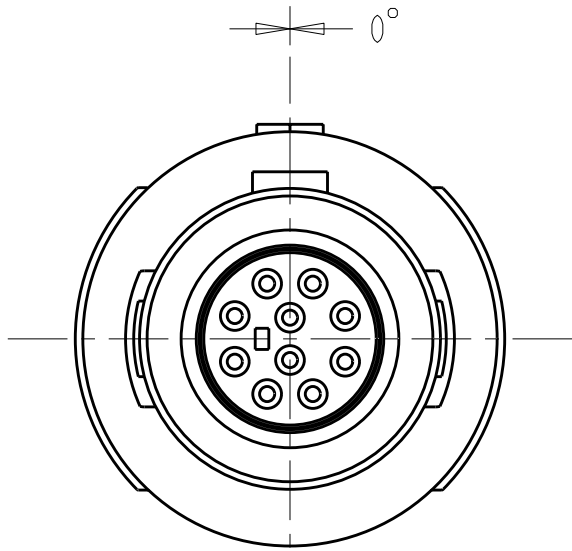
SCALE 3:1



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:		APVD -	NAME			
mm		PRODUCT SPEC	10 POSITION, CABLE COLLET STRAIGHT PLUG ASSEMBLY 0 AND 80 DEGREE KEYING			
		APPLICATION SPEC				
		114-13184				
MATERIAL		WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
1		-	A2	00779	C-1877848	-
		CUSTOMER DRAWING	SCALE	4:1	SHEET	OF
					1	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°

7-1877848-2

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.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±0.13

2 PLC ±0.08

3 PLC ±

4 PLC ±

ANGLES ±1°

FINISH

MATERIAL

-

DWN

K. MILLER

09MAR2006

CHK

L. BREKOSKY

09MAR2006

APVD

-

PRODUCT SPEC

108-2249

APPLICATION SPEC

114-13184

WEIGHT

-

CUSTOMER DRAWING

NAME

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

SIZE

A2

CAGE CODE

00779

DRAWING NO

1877848

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°	8-1877848-4
Ø 4.0-Ø 5.2	BLACK	GRAY	80°	8-1877848-3
Ø 5.3-Ø 6.5	BLACK	GRAY	80°	8-1877848-2
Ø 2.7-Ø 3.9	BLACK	GRAY	0°	8-1877848-1
Ø 4.0-Ø 5.2	BLACK	GRAY	0°	8-1877848-0
Ø 5.3-Ø 6.5	BLACK	GRAY	0°	7-1877848-9
Ø 2.7-Ø 3.9	GRAY	BLACK	80°	7-1877848-8
Ø 4.0-Ø 5.2	GRAY	BLACK	80°	7-1877848-7
Ø 5.3-Ø 6.5	GRAY	BLACK	80°	7-1877848-6
Ø 2.7-Ø 3.9	GRAY	BLACK	0°	7-1877848-5
Ø 4.0-Ø 5.2	GRAY	BLACK	0°	7-1877848-4
Ø 5.3-Ø 6.5	GRAY	BLACK	0°	7-1877848-3
CABLE RANGE	COLLET 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

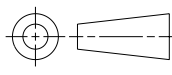
APVD

-

-

DIMENSTONS:

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

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

SIZE

A2

CAGE CODE

00779

DRAWING NO

1877848

RESTRICTED TO

-

SCALE

4:1

SHEET

3

OF

3

REV

B3

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Mouser Electronics

Authorized Distributor

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[3-1877848-6](#)