

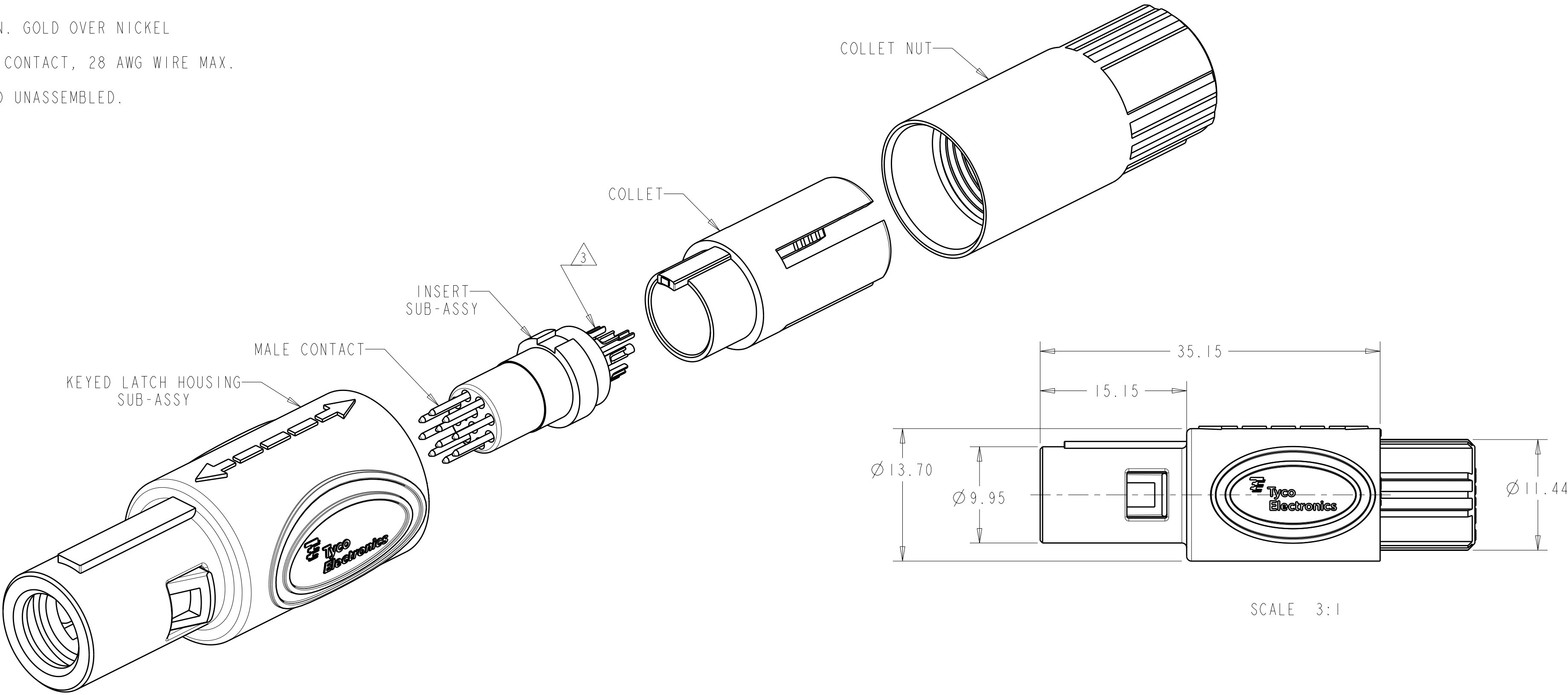
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B3	REVISED PER ECO-11-005027	12MAR2011	RK	HMR

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

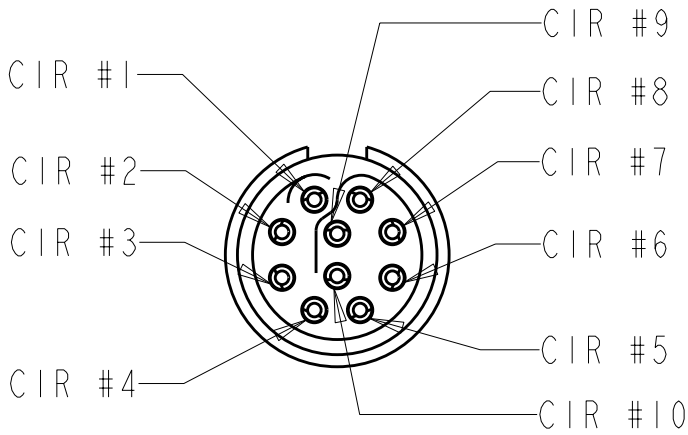
2 FINISH:
CONTACT, 0.75µm MIN. GOLD OVER NICKEL

3 SOLDER TERMINATION CONTACT, 28 AWG WIRE MAX.

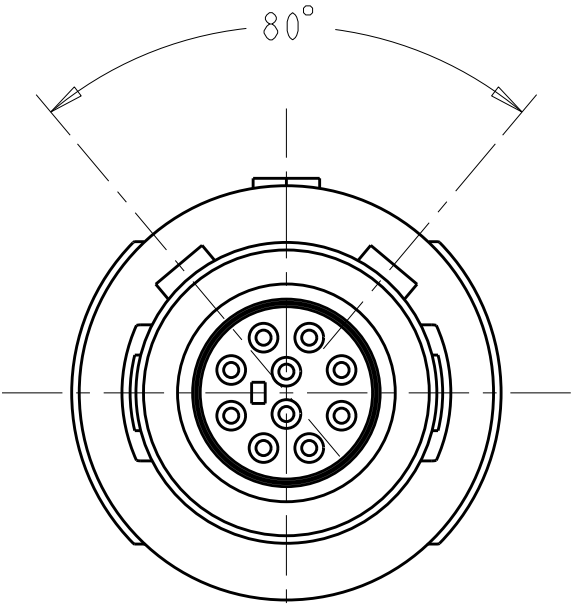
4. PRODUCT IS SUPPLIED UNASSEMBLED.



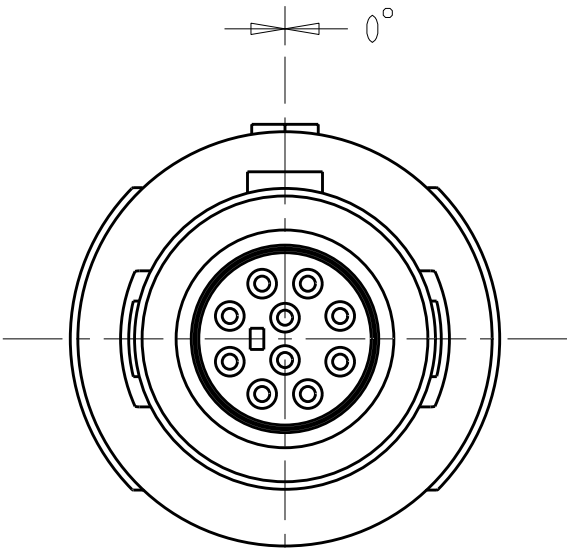
SCALE 3:1



INSERT SUB-ASSY
CIRCUIT DESIGNATION VIEW



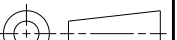
80° KEYING
SCALE 4:1



0° KEYING
SCALE 4:1

SEE SHEET 2 FOR
PART NUMBER SELECTION

PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. MILLER CHK L. BREKOSKY APVD -		09MAR2006 09MAR2006		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
		0 PLC ± 1 PLC ±0.13 2 PLC ±0.08 3 PLC ± 4 PLC ± ANGLES ±1° FINISH		10 POSITION, CABLE COLLET STRAIGHT PLUG ASSEMBLY 0 AND 80 DEGREE KEYING			
MATERIAL		PRODUCT SPEC 108-2249 APPLICATION SPEC 114-13184 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

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LOC

DIST

AD00

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				

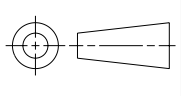
Ø 2.7-Ø 3.9	WHITE	GRAY	80°	3-1877848-6
Ø 4.0-Ø 5.2	WHITE	GRAY	80°	3-1877848-5
Ø 5.3-Ø 6.5	WHITE	GRAY	80°	3-1877848-4
Ø 2.7-Ø 3.9	WHITE	GRAY	0°	3-1877848-3
Ø 4.0-Ø 5.2	WHITE	GRAY	0°	3-1877848-2
Ø 5.3-Ø 6.5	WHITE	GRAY	0°	3-1877848-1
Ø 2.7-Ø 3.9	WHITE	BLACK	80°	3-1877848-0
Ø 4.0-Ø 5.2	WHITE	BLACK	80°	2-1877848-9
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				

1471-9 (3/11)

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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
CHK
L. BREKOSKY
APVD
-

09MAR2006
09MAR2006

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

CUSTOMER DRAWING

TE Connectivity

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

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

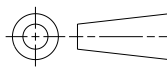
APVD

-

-

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

TE Connectivity

1471-9 (3/11)