

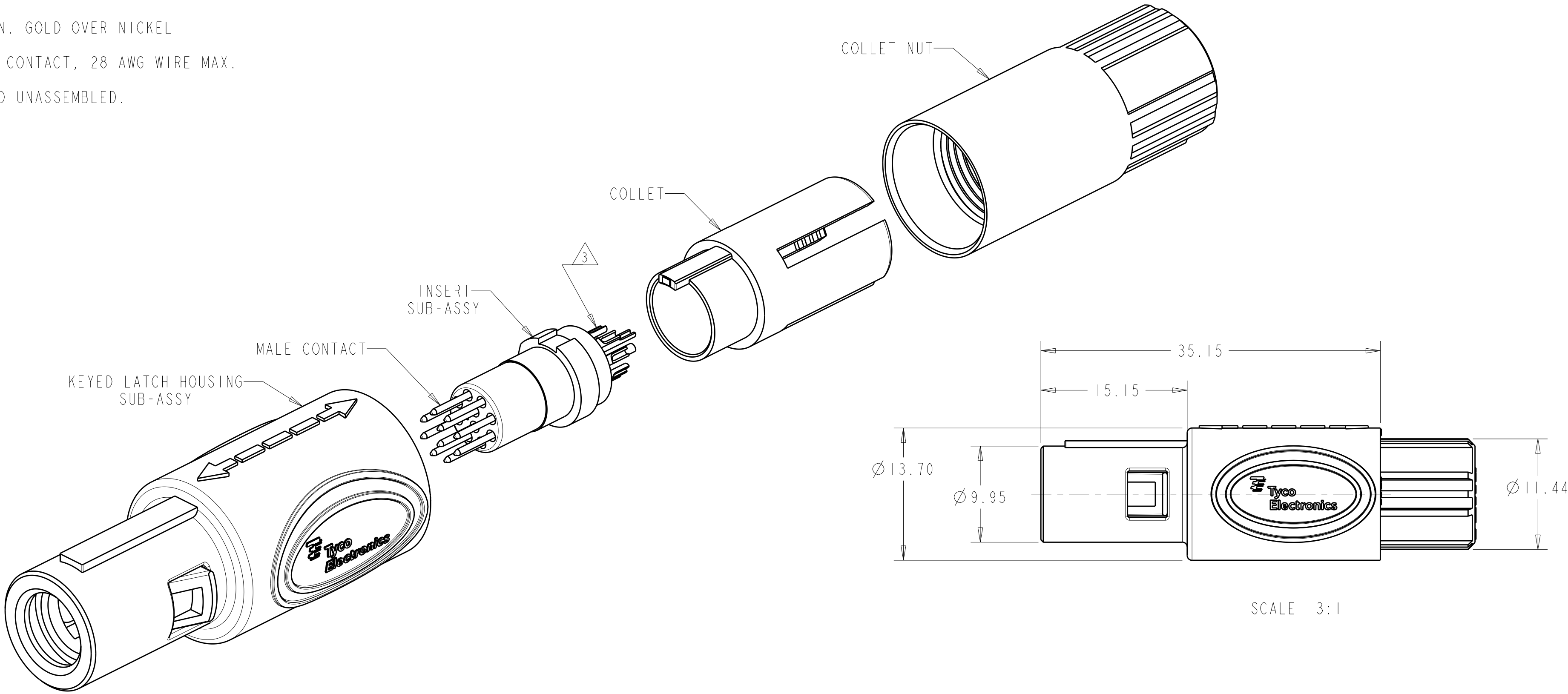
LOC	DIST	REVISIONS			
AD	00	P	LTR	DESCRIPTION	DATE
					DWN
					APVD
		B3		REVISED PER ECO-11-005027	12MAR2011
					RK
					HMR

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

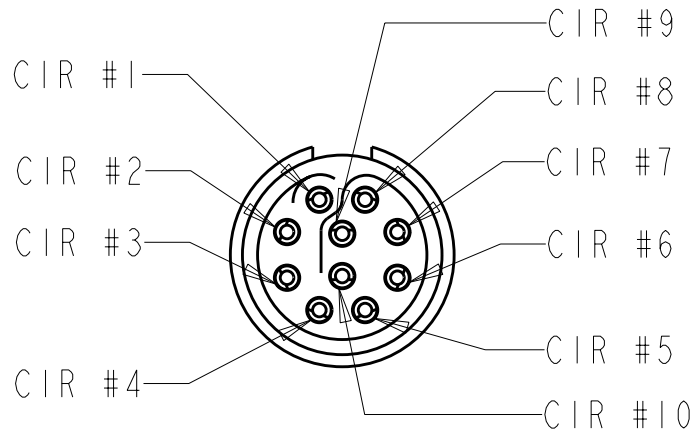
2 FINISH:
CONTACT, 0.75µm MIN. GOLD OVER NICKEL

3 SOLDER TERMINATION CONTACT, 28 AWG WIRE MAX.

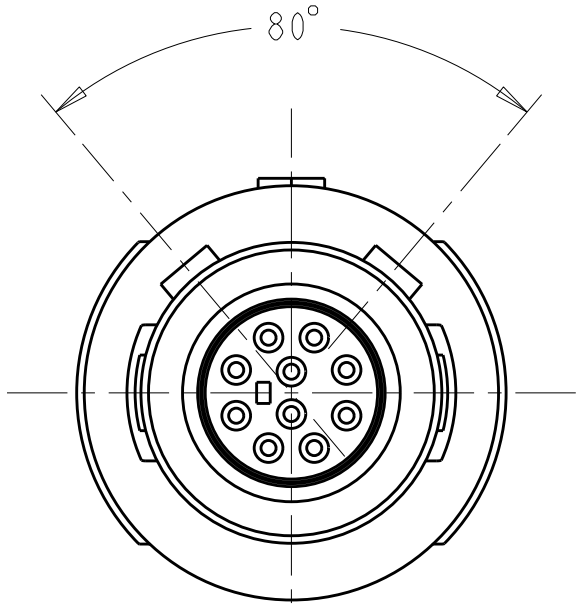
4. PRODUCT IS SUPPLIED UNASSEMBLED.



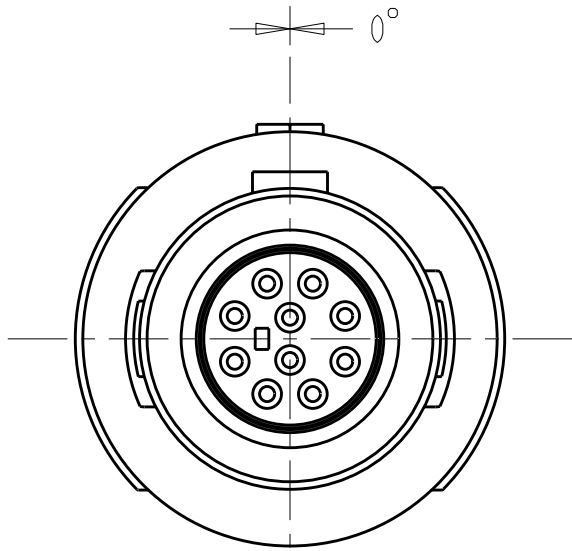
SCALE 3:1



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 3
						REV B3

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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
8-6			-	SEE SHEET 1	-	-	-
8-5							

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 I THRU 36				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. MILLER CHK L. BREKOSKY		09MAR2006 09MAR2006		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		10 POSITION, CABLE COLLET STRAIGHT PLUG ASSEMBLY 0 AND 80 DEGREE KEYING	
		0 PLC ±.13 1 PLC ±.10 2 PLC ±.08 3 PLC ±. 4 PLC ±. ANGLES ±1°		PRODUCT SPEC 108-2249 APPLICATION SPEC 114-13184		SIZE A2	
MATERIAL		FINISH		WEIGHT		CAGE CODE	
-		-		-		DRAWING NO	
				A2 00779		C=1877848	
CUSTOMER DRAWING						RESTRICTED TO	
						-	
SCALE						SHEET	
4:1						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

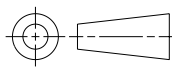
APVD

-

-

DIMENSTONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±0.13

2 PLC ±0.08

3 PLC ±-

4 PLC ±-

ANGLES ±1°

FINISH

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)

Mouser Electronics

Authorized Distributor

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