

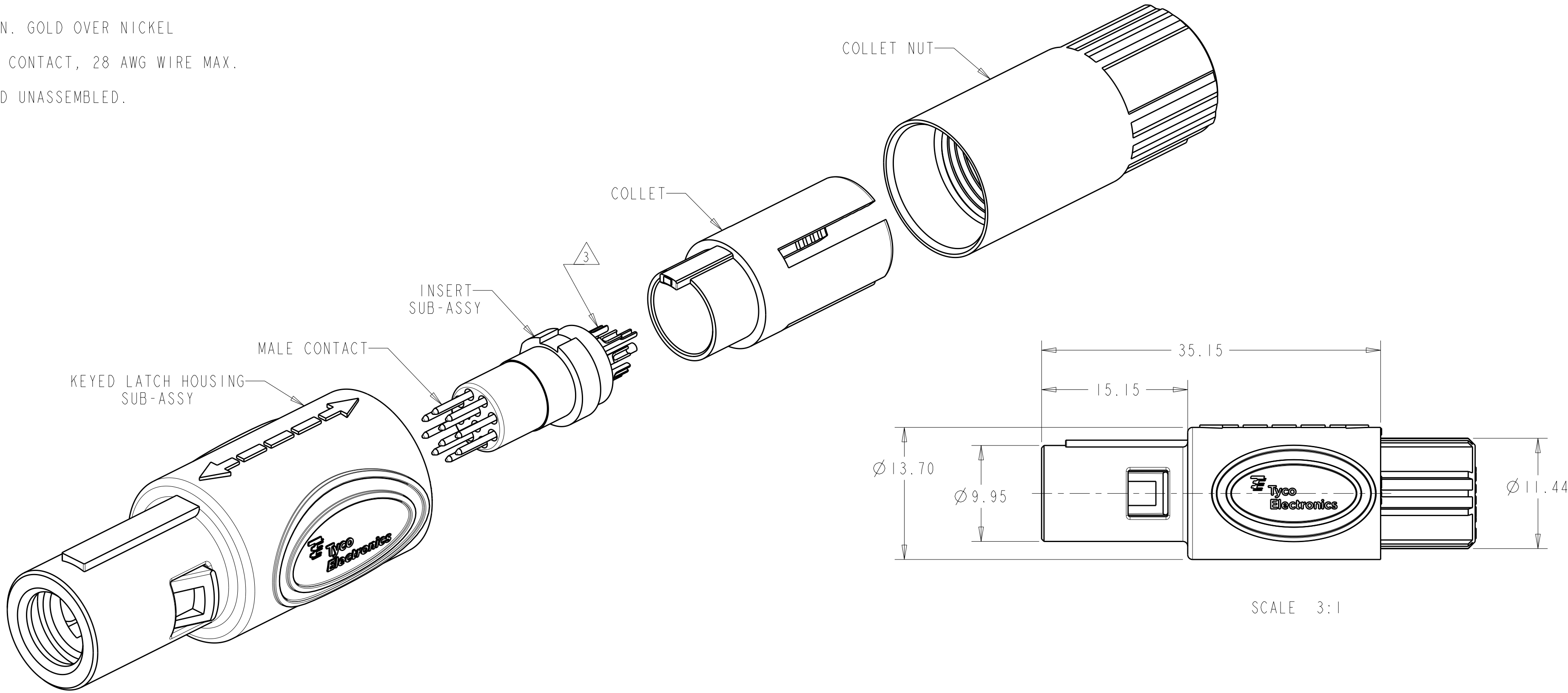
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B3	REVISED PER ECO-11-005027	12MAR2011	RK	HMR

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

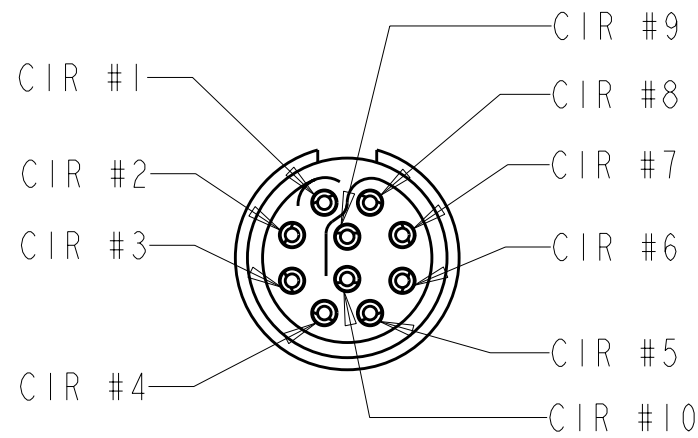
2 FINISH:
CONTACT, 0.75µm MIN. GOLD OVER NICKEL

3 SOLDER TERMINATION CONTACT, 28 AWG WIRE MAX.

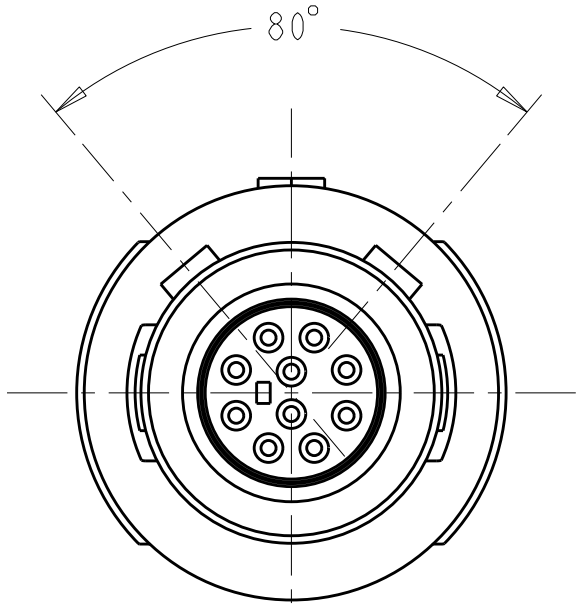
4. PRODUCT IS SUPPLIED UNASSEMBLED.



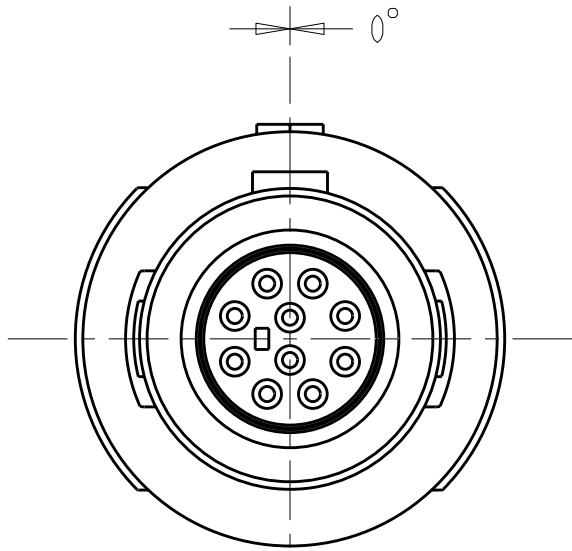
SCALE 3:1



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			
DIMENSIONS: mm		CHK L. BREKOSKY 09MAR2006				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	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 ±		PRODUCT SPEC 108-2249	SIZE A2			
MATERIAL 1		APPLICATION SPEC 114-13184	CAGE CODE 00779			
		WEIGHT -	DRAWING NO 1877848			
		CUSTOMER DRAWING	RESTRICTED TO -			
			SCALE 4:1 SHEET 1 OF 3 REV B3			

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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
3-6			-	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 09MAR2006 K. MILLER CHK 09MAR2006 L. BREKOSKY		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		10 POSITION, CABLE COLLET STRAIGHT PLUG ASSEMBLY 0 AND 80 DEGREE KEYING	
		APVD - PRODUCT SPEC 108-2249			
0 PLC ±. 1 PLC ±0.13 2 PLC ±0.08 3 PLC ±. 4 PLC ±. ANGLES ±1°		APPLICATION SPEC 114-13184			
MATERIAL FINISH		WEIGHT -			
-		-		SIZE A2 CAGE CODE 00779 DRAWING NO. C-1877848 RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 2 of 3 REV B3	

4

3

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1

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LOC

DIST

AD00

REVISIONS

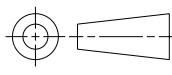
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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.

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.13
2 PLC ±0.08
3 PLC ±
4 PLC ±
ANGLES ±1°
FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

09MAR2006

09MAR2006

-

108-2249

114-13184

-

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

STE

TE Connectivity

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

A2

00779

1877848

SCALE 4:1

SHEET 3 OF 3

REV B3

1471-9 (3/11)