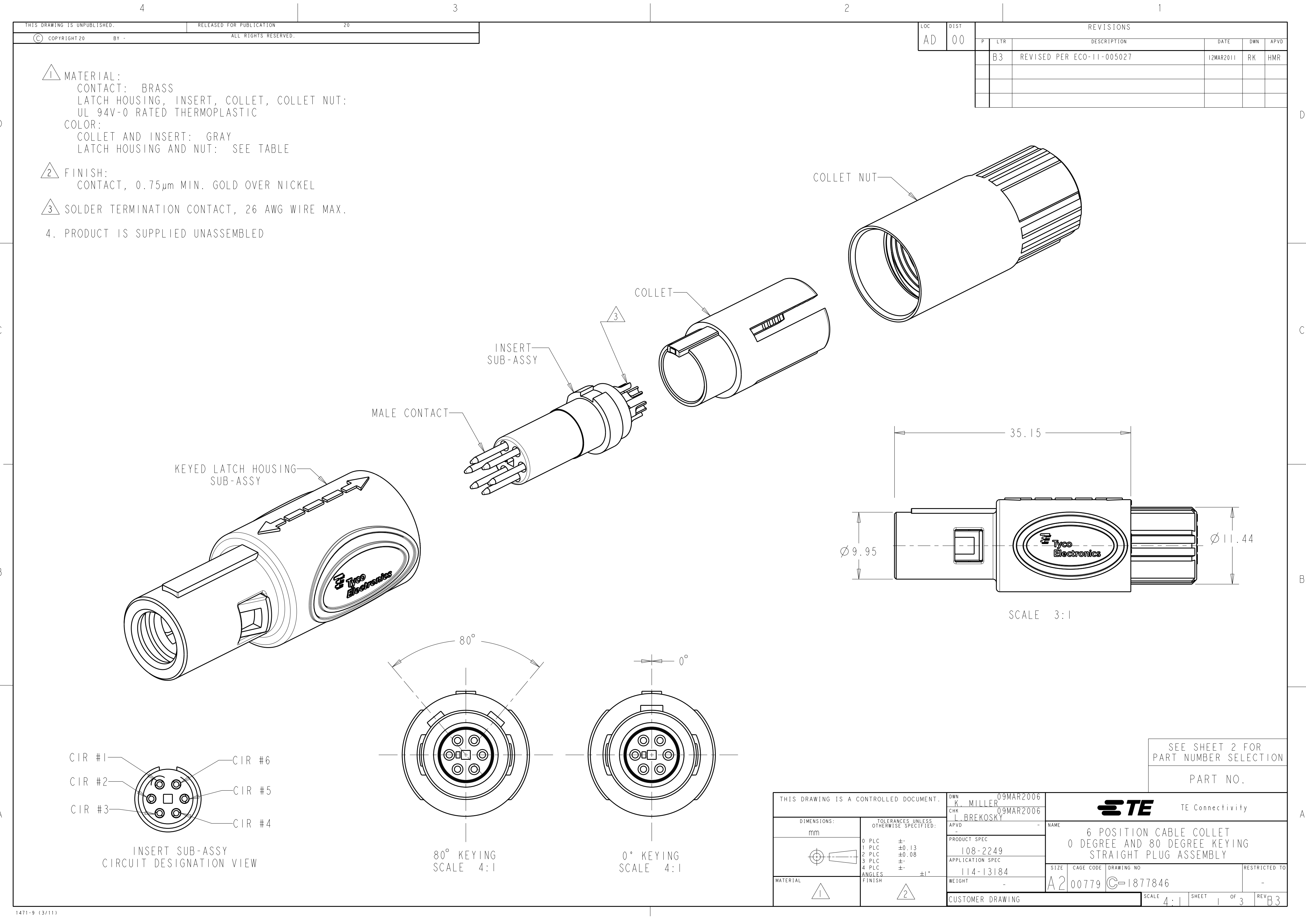




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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B3	REVISED PER ECO-11-005027	12MAR2011	RK	HMR

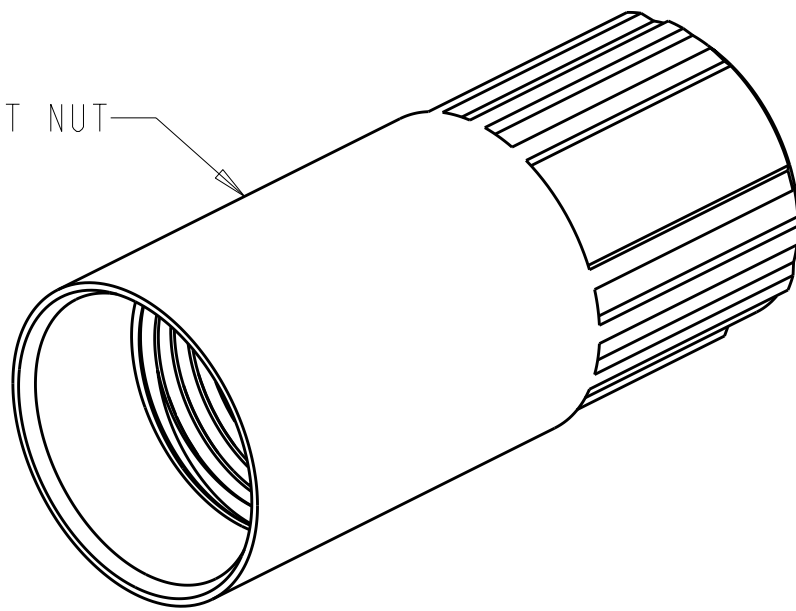
1 MATERIAL:
CONTACT: BRASS
LATCH HOUSING, INSERT, COLLET, COLLET NUT:
UL 94V-0 RATED THERMOPLASTIC
COLOR:
COLLET AND INSERT: GRAY
LATCH HOUSING AND NUT: SEE TABLE

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

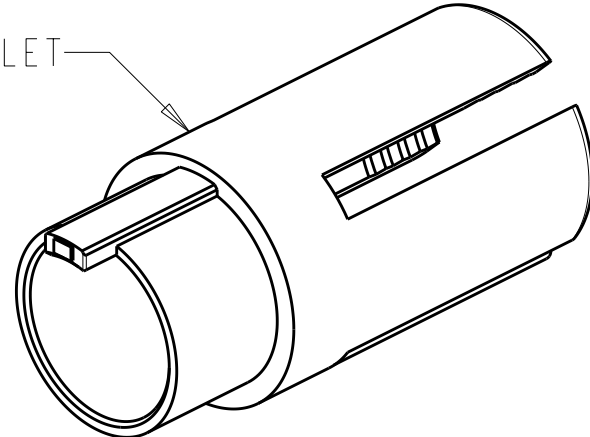
3 SOLDER TERMINATION CONTACT, 26 AWG WIRE MAX.

4. PRODUCT IS SUPPLIED UNASSEMBLED

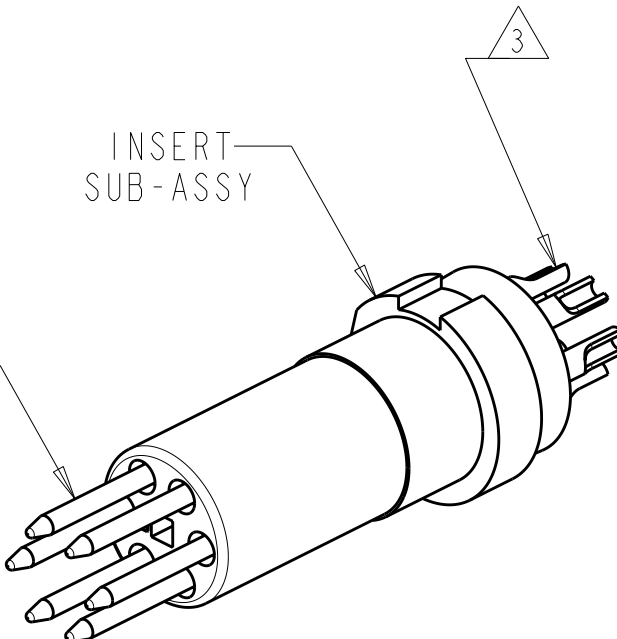
COLLET NUT



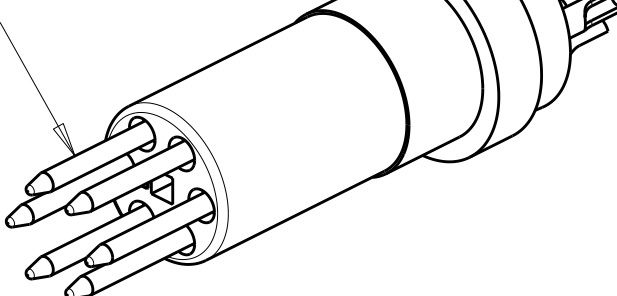
COLLET



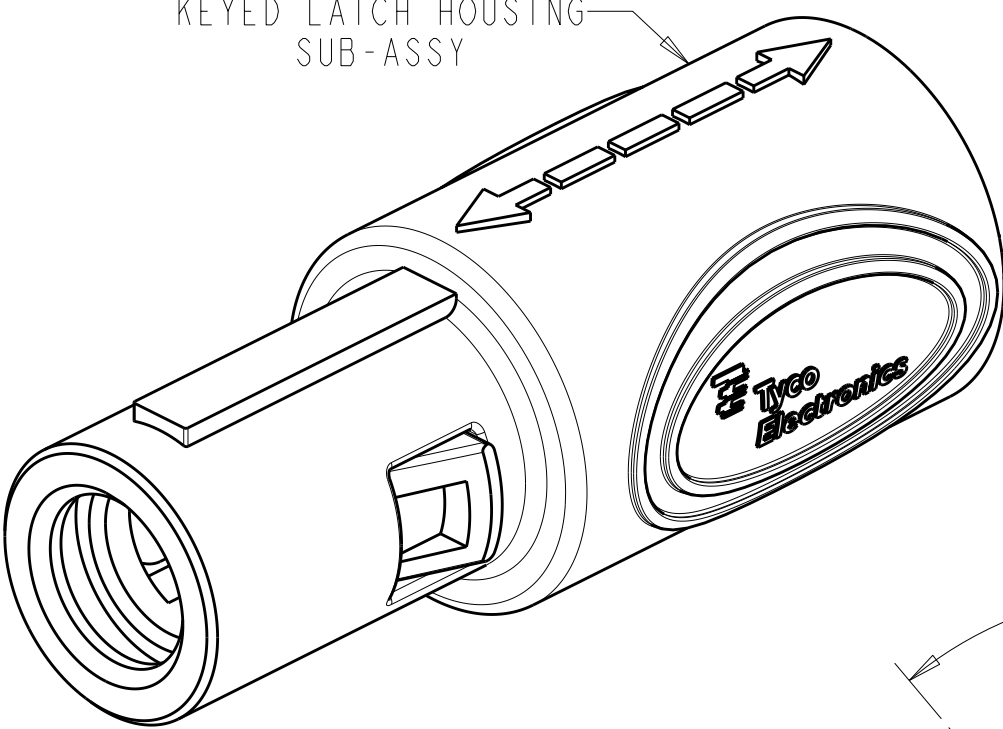
INSERT SUB-ASSY



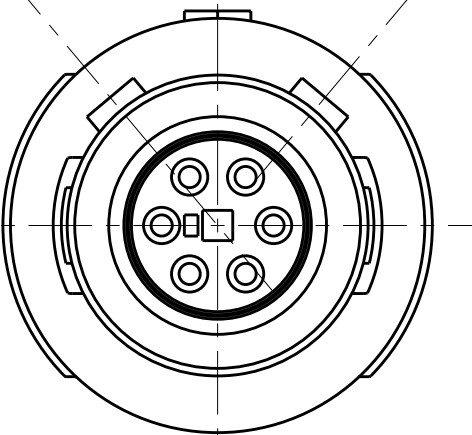
MALE CONTACT



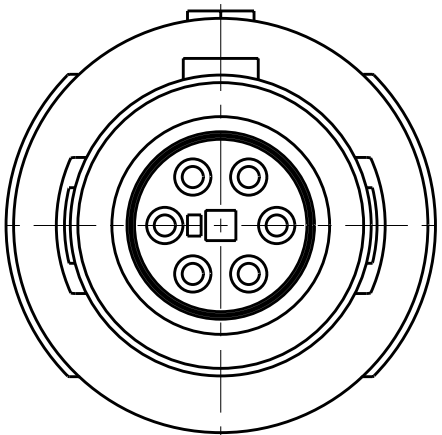
KEYED LATCH HOUSING SUB-ASSY



80°



0°



80° KEYING
SCALE 4:1

0° KEYING
SCALE 4:1

CIR #1

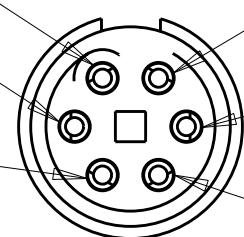
CIR #2

CIR #3

CIR #4

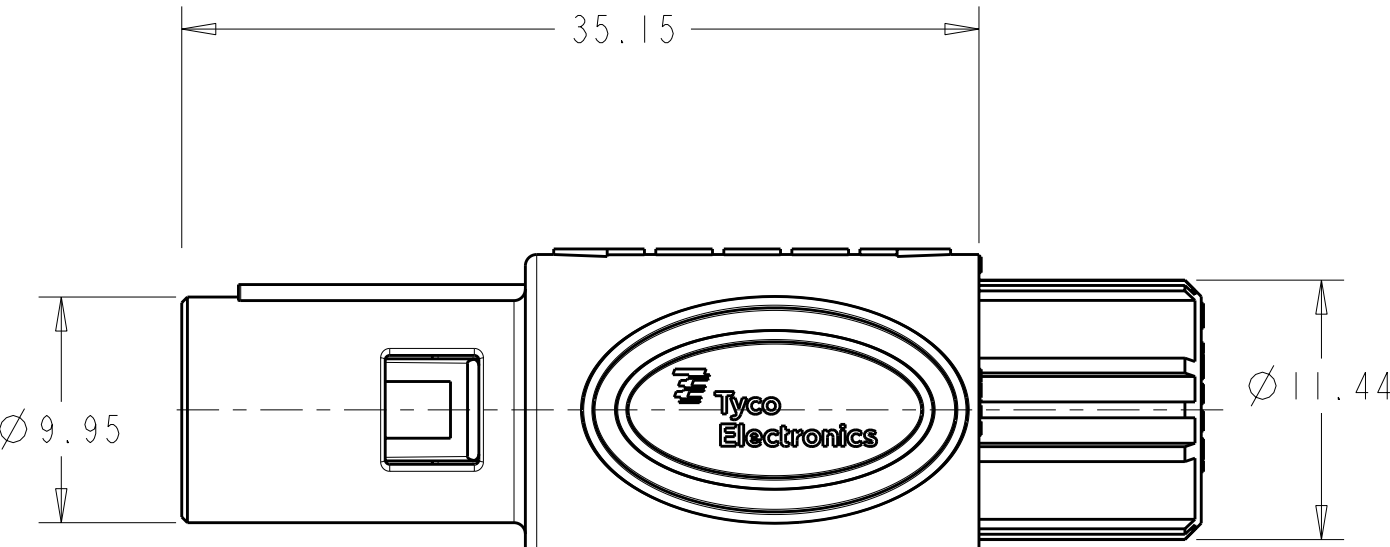
CIR #5

CIR #6



INSERT SUB-ASSY
CIRCUIT DESIGNATION VIEW

35.15



SCALE 3:1

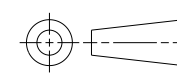
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DWN
K. MILLER
09MAR2006

CHK
L. BREKOSKY
09MAR2006

APVD
-

DIMENSIONS:
mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±0.13

2 PLC ±0.08

3 PLC ±

4 PLC ±

ANGLES ±1°

FINISH

MATERIAL

1

PRODUCT SPEC
108-2249

APPLICATION SPEC
114-13184

WEIGHT
-

CUSTOMER DRAWING

NAME
6 POSITION CABLE COLLET
0 DEGREE AND 80 DEGREE KEYING
STRAIGHT PLUG ASSEMBLY

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-1877846

RESTRICTED TO
-

SCALE
4:1

SHEET
1

OF
3

REV
B3

SEE SHEET 2 FOR
PART NUMBER SELECTION

PART NO.

TE Connectivity

1471-9 (3/11)

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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
46-6			-	SEE SHEET 1	-	-	-

Ø 2.7-Ø 3.9	BLUE	GRAY	80°	7-1877846-2
Ø 4.0-Ø 5.2	BLUE	GRAY	80°	7-1877846-1
Ø 5.3-Ø 6.5	BLUE	GRAY	80°	7-1877846-0
Ø 2.7-Ø 3.9	BLUE	GRAY	0°	6-1877846-9
Ø 4.0-Ø 5.2	BLUE	GRAY	0°	6-1877846-8
Ø 5.3-Ø 6.5	BLUE	GRAY	0°	6-1877846-7
Ø 2.7-Ø 3.9	BLUE	BLACK	80°	6-1877846-6
Ø 4.0-Ø 5.2	BLUE	BLACK	80°	6-1877846-5
Ø 5.3-Ø 6.5	BLUE	BLACK	80°	6-1877846-4
Ø 2.7-Ø 3.9	BLUE	BLACK	0°	6-1877846-3
Ø 4.0-Ø 5.2	BLUE	BLACK	0°	6-1877846-2
Ø 5.3-Ø 6.5	BLUE	BLACK	0°	6-1877846-1
Ø 2.7-Ø 3.9	GREEN	GRAY	80°	6-1877846-0
Ø 4.0-Ø 5.2	GREEN	GRAY	80°	5-1877846-9
Ø 5.3-Ø 6.5	GREEN	GRAY	80°	5-1877846-8
Ø 2.7-Ø 3.9	GREEN	GRAY	0°	5-1877846-7
Ø 4.0-Ø 5.2	GREEN	GRAY	0°	5-1877846-6
Ø 5.3-Ø 6.5	GREEN	GRAY	0°	5-1877846-5
Ø 2.7-Ø 3.9	GREEN	BLACK	80°	5-1877846-4
Ø 4.0-Ø 5.2	GREEN	BLACK	80°	5-1877846-3
Ø 5.3-Ø 6.5	GREEN	BLACK	80°	5-1877846-2
Ø 2.7-Ø 3.9	GREEN	BLACK	0°	5-1877846-1
Ø 4.0-Ø 5.2	GREEN	BLACK	0°	5-1877846-0
Ø 5.3-Ø 6.5	GREEN	BLACK	0°	4-1877846-9
Ø 2.7-Ø 3.9	YELLOW	GRAY	80°	4-1877846-8
Ø 4.0-Ø 5.2	YELLOW	GRAY	80°	4-1877846-7
Ø 5.3-Ø 6.5	YELLOW	GRAY	80°	4-1877846-6
Ø 2.7-Ø 3.9	YELLOW	GRAY	0°	4-1877846-5
Ø 4.0-Ø 5.2	YELLOW	GRAY	0°	4-1877846-4
Ø 5.3-Ø 6.5	YELLOW	GRAY	0°	4-1877846-3
Ø 2.7-Ø 3.9	YELLOW	BLACK	80°	4-1877846-2
Ø 4.0-Ø 5.2	YELLOW	BLACK	80°	4-1877846-1
Ø 5.3-Ø 6.5	YELLOW	BLACK	80°	4-1877846-0
Ø 2.7-Ø 3.9	YELLOW	BLACK	0°	3-1877846-9
Ø 4.0-Ø 5.2	YELLOW	BLACK	0°	3-1877846-8
Ø 5.3-Ø 6.5	YELLOW	BLACK	0°	3-1877846-7
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°	3-1877846-6
Ø 4.0-Ø 5.2	WHITE	GRAY	80°	3-1877846-5
Ø 5.3-Ø 6.5	WHITE	GRAY	80°	3-1877846-4
Ø 2.7-Ø 3.9	WHITE	GRAY	0°	3-1877846-3
Ø 4.0-Ø 5.2	WHITE	GRAY	0°	3-1877846-2
Ø 5.3-Ø 6.5	WHITE	GRAY	0°	3-1877846-1
Ø 2.7-Ø 3.9	WHITE	BLACK	80°	3-1877846-0
Ø 4.0-Ø 5.2	WHITE	BLACK	80°	2-1877846-9
Ø 5.3-Ø 6.5	WHITE	BLACK	80°	2-1877846-8
Ø 2.7-Ø 3.9	WHITE	BLACK	0°	2-1877846-7
Ø 4.0-Ø 5.2	WHITE	BLACK	0°	2-1877846-6
Ø 5.3-Ø 6.5	WHITE	BLACK	0°	2-1877846-5
Ø 2.7-Ø 3.9	RED	GRAY	80°	2-1877846-4
Ø 4.0-Ø 5.2	RED	GRAY	80°	2-1877846-3
Ø 5.3-Ø 6.5	RED	GRAY	80°	2-1877846-2
Ø 2.7-Ø 3.9	RED	GRAY	0°	2-1877846-1
Ø 4.0-Ø 5.2	RED	GRAY	0°	2-1877846-0
Ø 5.3-Ø 6.5	RED	GRAY	0°	1-1877846-9
Ø 2.7-Ø 3.9	RED	BLACK	80°	1-1877846-8
Ø 4.0-Ø 5.2	RED	BLACK	80°	1-1877846-7
Ø 5.3-Ø 6.5	RED	BLACK	80°	1-1877846-6
Ø 2.7-Ø 3.9	RED	BLACK	0°	1-1877846-5
Ø 4.0-Ø 5.2	RED	BLACK	0°	1-1877846-4
Ø 5.3-Ø 6.5	RED	BLACK	0°	1-1877846-3
Ø 2.7-Ø 3.9	GRAY	GRAY	80°	1-1877846-2
Ø 4.0-Ø 5.2	GRAY	GRAY	80°	1-1877846-1
Ø 5.3-Ø 6.5	GRAY	GRAY	80°	1-1877846-0
Ø 2.7-Ø 3.9	GRAY	GRAY	0°	1877846-9
Ø 4.0-Ø 5.2	GRAY	GRAY	0°	1877846-8
Ø 5.3-Ø 6.5	GRAY	GRAY	0°	1877846-7
Ø 2.7-Ø 3.9	BLACK	BLACK	80°	1877846-6
Ø 4.0-Ø 5.2	BLACK	BLACK	80°	1877846-5
Ø 5.3-Ø 6.5	BLACK	BLACK	80°	1877846-4
Ø 2.7-Ø 3.9	BLACK	BLACK	0°	1877846-3
Ø 4.0-Ø 5.2	BLACK	BLACK	0°	1877846-2
Ø 5.3-Ø 6.5	BLACK	BLACK	0°	1877846-1
CABLE RANGE	COLLET NUT COLOR	LATCH HOUSING COLOR	KEYING	PART NO.
PART NUMBERS I THRU 36				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 09MAR2006 K. MILLER CHK 09MAR2006 L. BREKOSKY		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.13 1 PLC ±.10 2 PLC ±.08 3 PLC ±. 4 PLC ±. ANGLES ±1°		NAME 6 POSITION CABLE COLLET 0 DEGREE AND 80 DEGREE KEYING STRAIGHT PLUG ASSEMBLY	
		PRODUCT SPEC 108-2249 APPLICATION SPEC 114-13184		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL -		FINISH -		WEIGHT -	
CUSTOMER DRAWING				SCALE 4:1 SHEET 2 OF 3 REV B3	

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

PART NUMBERS 73 THRU 84

TE Connectivity