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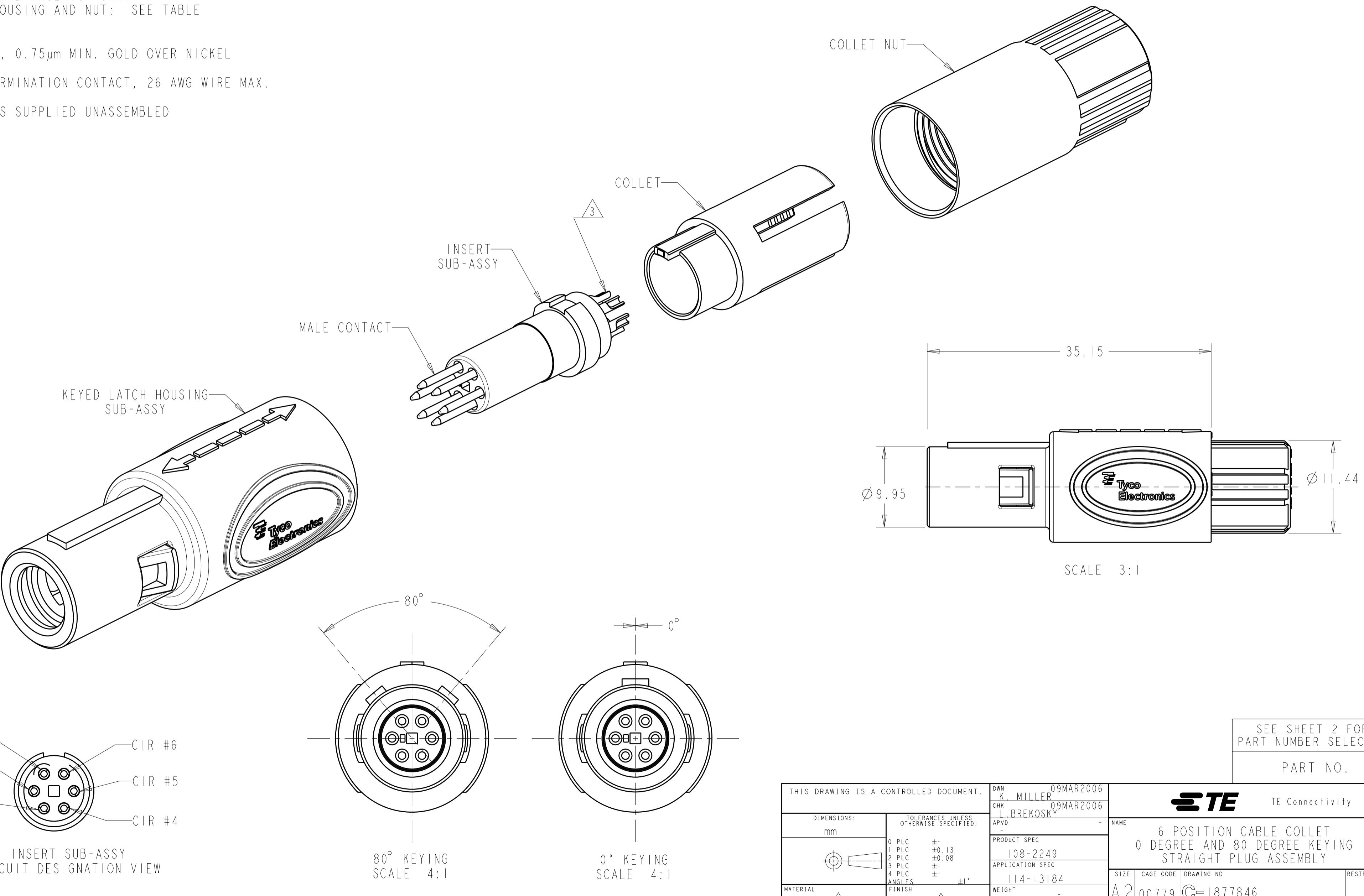
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	OWN	APVD
		B3		REVISED PER ECO-11-005027	12MAR2011	RK	HMR

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



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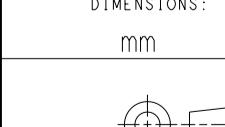
$\phi 2.7-\phi 3.9$	BLUE	GRAY	80°	7-1877846-2
$\phi 4.0-\phi 5.2$	BLUE	GRAY	80°	7-1877846-1
$\phi 5.3-\phi 6.5$	BLUE	GRAY	80°	7-1877846-0
$\phi 2.7-\phi 3.9$	BLUE	GRAY	0°	6-1877846-9
$\phi 4.0-\phi 5.2$	BLUE	GRAY	0°	6-1877846-8
$\phi 5.3-\phi 6.5$	BLUE	GRAY	0°	6-1877846-7
$\phi 2.7-\phi 3.9$	BLUE	BLACK	80°	6-1877846-6
$\phi 4.0-\phi 5.2$	BLUE	BLACK	80°	6-1877846-5
$\phi 5.3-\phi 6.5$	BLUE	BLACK	80°	6-1877846-4
$\phi 2.7-\phi 3.9$	BLUE	BLACK	0°	6-1877846-3
$\phi 4.0-\phi 5.2$	BLUE	BLACK	0°	6-1877846-2
$\phi 5.3-\phi 6.5$	BLUE	BLACK	0°	6-1877846-1
$\phi 2.7-\phi 3.9$	GREEN	GRAY	80°	6-1877846-0
$\phi 4.0-\phi 5.2$	GREEN	GRAY	80°	5-1877846-9
$\phi 5.3-\phi 6.5$	GREEN	GRAY	80°	5-1877846-8
$\phi 2.7-\phi 3.9$	GREEN	GRAY	0°	5-1877846-7
$\phi 4.0-\phi 5.2$	GREEN	GRAY	0°	5-1877846-6
$\phi 5.3-\phi 6.5$	GREEN	GRAY	0°	5-1877846-5
$\phi 2.7-\phi 3.9$	GREEN	BLACK	80°	5-1877846-4
$\phi 4.0-\phi 5.2$	GREEN	BLACK	80°	5-1877846-3
$\phi 5.3-\phi 6.5$	GREEN	BLACK	80°	5-1877846-2
$\phi 2.7-\phi 3.9$	GREEN	BLACK	0°	5-1877846-1
$\phi 4.0-\phi 5.2$	GREEN	BLACK	0°	5-1877846-0
$\phi 5.3-\phi 6.5$	GREEN	BLACK	0°	4-1877846-9
$\phi 2.7-\phi 3.9$	YELLOW	GRAY	80°	4-1877846-8
$\phi 4.0-\phi 5.2$	YELLOW	GRAY	80°	4-1877846-7
$\phi 5.3-\phi 6.5$	YELLOW	GRAY	80°	4-1877846-6
$\phi 2.7-\phi 3.9$	YELLOW	GRAY	0°	4-1877846-5
$\phi 4.0-\phi 5.2$	YELLOW	GRAY	0°	4-1877846-4
$\phi 5.3-\phi 6.5$	YELLOW	GRAY	0°	4-1877846-3
$\phi 2.7-\phi 3.9$	YELLOW	BLACK	80°	4-1877846-2
$\phi 4.0-\phi 5.2$	YELLOW	BLACK	80°	4-1877846-1
$\phi 5.3-\phi 6.5$	YELLOW	BLACK	80°	4-1877846-0
$\phi 2.7-\phi 3.9$	YELLOW	BLACK	0°	3-1877846-9
$\phi 4.0-\phi 5.2$	YELLOW	BLACK	0°	3-1877846-8
$\phi 5.3-\phi 6.5$	YELLOW	BLACK	0°	3-1877846-7
CABLE RANGE	COLLET NUT COLOR	LATCH HOUSING COLOR	KEYING	PART NO.

PART NUMBERS 37 THRU 72

$\phi 2.7-\phi 3.9$	WHITE	GRAY	80°	3-1877846-6
$\phi 4.0-\phi 5.2$	WHITE	GRAY	80°	3-1877846-5
$\phi 5.3-\phi 6.5$	WHITE	GRAY	80°	3-1877846-4
$\phi 2.7-\phi 3.9$	WHITE	GRAY	0°	3-1877846-3
$\phi 4.0-\phi 5.2$	WHITE	GRAY	0°	3-1877846-2
$\phi 5.3-\phi 6.5$	WHITE	GRAY	0°	3-1877846-1
$\phi 2.7-\phi 3.9$	WHITE	BLACK	80°	3-1877846-0
$\phi 4.0-\phi 5.2$	WHITE	BLACK	80°	2-1877846-9
$\phi 5.3-\phi 6.5$	WHITE	BLACK	80°	2-1877846-8
$\phi 2.7-\phi 3.9$	WHITE	BLACK	0°	2-1877846-7
$\phi 4.0-\phi 5.2$	WHITE	BLACK	0°	2-1877846-6
$\phi 5.3-\phi 6.5$	WHITE	BLACK	0°	2-1877846-5
$\phi 2.7-\phi 3.9$	RED	GRAY	80°	2-1877846-4
$\phi 4.0-\phi 5.2$	RED	GRAY	80°	2-1877846-3
$\phi 5.3-\phi 6.5$	RED	GRAY	80°	2-1877846-2
$\phi 2.7-\phi 3.9$	RED	GRAY	0°	2-1877846-1
$\phi 4.0-\phi 5.2$	RED	GRAY	0°	2-1877846-0
$\phi 5.3-\phi 6.5$	RED	GRAY	0°	1-1877846-9
$\phi 2.7-\phi 3.9$	RED	BLACK	80°	1-1877846-8
$\phi 4.0-\phi 5.2$	RED	BLACK	80°	1-1877846-7
$\phi 5.3-\phi 6.5$	RED	BLACK	80°	1-1877846-6
$\phi 2.7-\phi 3.9$	RED	BLACK	0°	1-1877846-5
$\phi 4.0-\phi 5.2$	RED	BLACK	0°	1-1877846-4
$\phi 5.3-\phi 6.5$	RED	BLACK	0°	1-1877846-3
$\phi 2.7-\phi 3.9$	GRAY	GRAY	80°	1-1877846-2
$\phi 4.0-\phi 5.2$	GRAY	GRAY	80°	1-1877846-1
$\phi 5.3-\phi 6.5$	GRAY	GRAY	80°	1-1877846-0
$\phi 2.7-\phi 3.9$	GRAY	GRAY	0°	1877846-9
$\phi 4.0-\phi 5.2$	GRAY	GRAY	0°	1877846-8
$\phi 5.3-\phi 6.5$	GRAY	GRAY	0°	1877846-7
$\phi 2.7-\phi 3.9$	BLACK	BLACK	80°	1877846-6
$\phi 4.0-\phi 5.2$	BLACK	BLACK	80°	1877846-5
$\phi 5.3-\phi 6.5$	BLACK	BLACK	80°	1877846-4
$\phi 2.7-\phi 3.9$	BLACK	BLACK	0°	1877846-3
$\phi 4.0-\phi 5.2$	BLACK	BLACK	0°	1877846-2
$\phi 5.3-\phi 6.5$	BLACK	BLACK	0°	1877846-1
CABLE RANGE	COLLET NUT COLOR	LATCH HOUSING COLOR	KEYING	PART NO.

PART NUMBERS 1 THRU 36

REVISIONS			
LOC	DIST	AD	00
P	LTR	SEE SHEET 1	-
			-
			-
			-

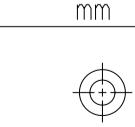
THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN K. MILLER 09MAR2006		
DIMENSIONS:	CHK L. BREKOSKY 09MAR2006		
mm	APVD -		
	0 PLC ±0.13 1 PLC ±0.08 2 PLC ±0.08 3 PLC ±0.08 4 PLC ±0.08 ANGLES ±1°		
MATERIAL	FINISH		
PRODUCT SPEC 108-2249			
APPLICATION SPEC 114-13184			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1877846	-
CUSTOMER DRAWING		SCALE 4:1	HEET 2 OF 3
		REV B3	

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

$\phi 2.7$ - $\phi 3.9$	BLACK	GRAY	80°	8-1877846-4
$\phi 4.0$ - $\phi 5.2$	BLACK	GRAY	80°	8-1877846-3
$\phi 5.3$ - $\phi 6.5$	BLACK	GRAY	80°	8-1877846-2
$\phi 2.7$ - $\phi 3.9$	BLACK	GRAY	0°	8-1877846-1
$\phi 4.0$ - $\phi 5.2$	BLACK	GRAY	0°	8-1877846-0
$\phi 5.3$ - $\phi 6.5$	BLACK	GRAY	0°	7-1877846-9
$\phi 2.7$ - $\phi 3.9$	GRAY	BLACK	80°	7-1877846-8
$\phi 4.0$ - $\phi 5.2$	GRAY	BLACK	80°	7-1877846-7
$\phi 5.3$ - $\phi 6.5$	GRAY	BLACK	80°	7-1877846-6
$\phi 2.7$ - $\phi 3.9$	GRAY	BLACK	0°	7-1877846-5
$\phi 4.0$ - $\phi 5.2$	GRAY	BLACK	0°	7-1877846-4
$\phi 5.3$ - $\phi 6.5$	GRAY	BLACK	0°	7-1877846-3
CABLE RANGE	BACK-NUT COLOR	LATCH HOUSING COLOR	KEYING	PART NO.

PART NUMBERS 73 THRU 84

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K. MILLER 09MAR2006	TE Connectivity
DIMENSIONS: mm		CHK L. BREKOSKY 09MAR2006	
		APVD -	NAME 6 POSITION CABLE COLLET
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-2249	0 DEGREE AND 80 DEGREE KEYING
0 PLC ± 0.13		APPLICATION SPEC 114-13184	STRAIGHT PLUG ASSEMBLY
1 PLC ± 0.08		WEIGHT -	
2 PLC ± 0.08		SIZE A2	RESTRICTED TO
3 PLC ± 0.08		CAGE CODE 00779	
4 PLC ± 0.08		DRAWING NO C-1877846	
ANGLES $\pm 1^\circ$		CUSTOMER DRAWING	
MATERIAL		SCALE 4:1	REV B3
		SHEET 3 OF 3	

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[5-1877846-3](#)