		REVISIONS				
LOC	DIST					
GE	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED PER ECO-10-008447	21APR2010	DLD	MPT

.125

.250±.003

∅.060

X   Y

X   Y

BODY

SLEEVE

(.062)
CONTACT POINT

∅ .112
.110

2 SOCKET INTERFACE
(FINISH; SEE TABLE)
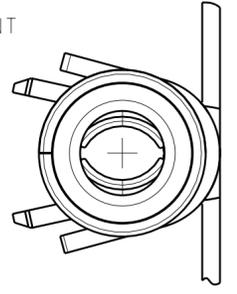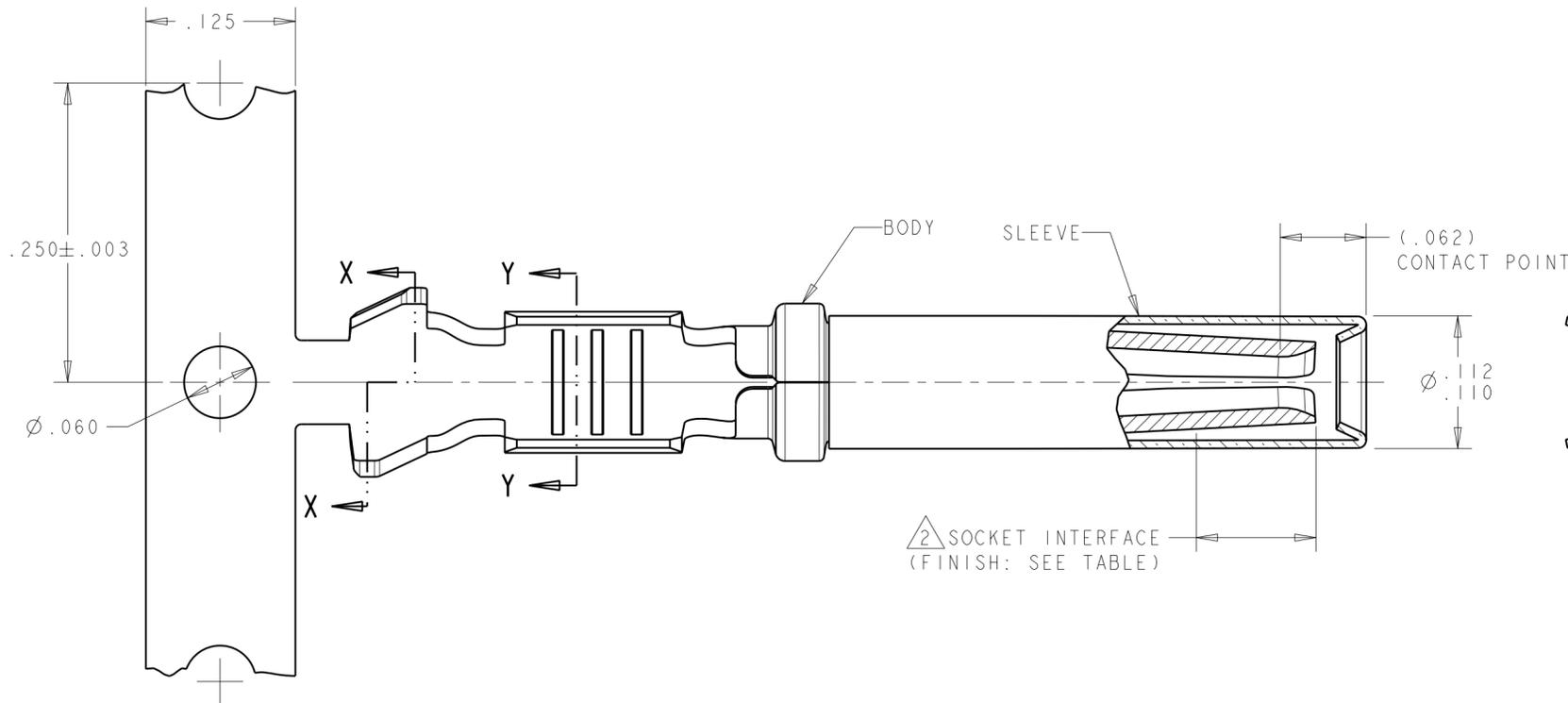
1 MATERIAL:
BODY: .014 THICK COPPER ALLOY
SLEEVE: .007 THICK STAINLESS STEEEL (PASSIVATED)

2 FINISH:
ALL OVER: .000040-.000080 THICK NICKEL
WIRE BARREL: .000100-.000200 THICK TIN
SOCKET INTERFACE: (SEE TABLE)
FOR P/N 2098251-1 ONLY: .000030 MIN THICK GOLD

3. WIRE RANGE: 18 AWG (0.8 SQ.MM) TO 1.5 SQ.MM.
INSULATION DIAMETER RANGE: ∅.065-∅.118 [∅1.65-∅3.00 MM]
NOTE: THE CONNECTOR THIS TERMINAL IS ASSEMBLED INTO
MAY LIMIT THE SUITABLE INSULATION DIAMETER RANGE BASED ON
THE TERMINAL REMOVAL CONFIGURATION.

4. CONTACT TO BE LUBED WITH LUBRICANT PER TYCO ELECTONICS
P/N 22014-4

5. SLEEVE MUST NOT BE PULLED OFF WHEN A 10 LB FORCE IS APPLIED
IN A DIRECTION PARALLEL TO CENTER OF TERMINAL.

(.148) 2
WIRE BARREL
(TIN PLATED)

(.065)
INSULATION BARREL

.500
.494

∅ .133
.130

(.030)

(.353)

(.170)

(.850)

(.158)

(.126)

SECTION X-X

(.118)

(.134)

SECTION Y-Y
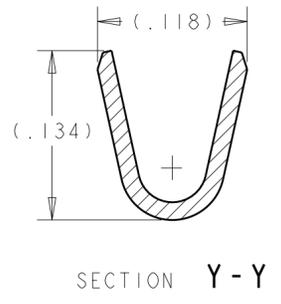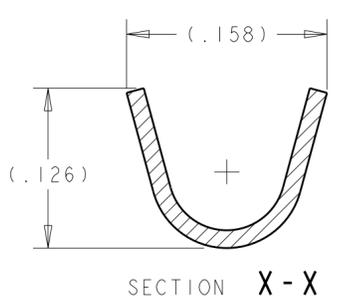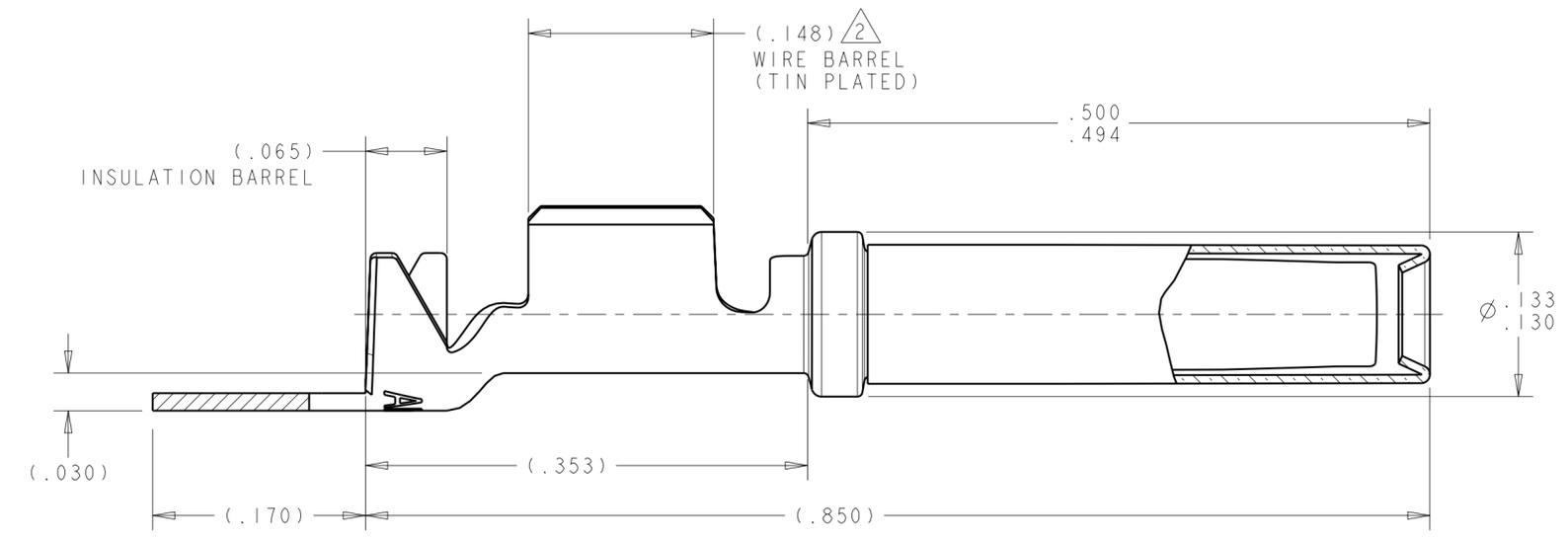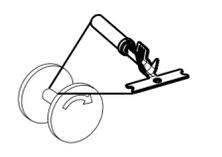
FINISH SOCKET INTERFACE (REFERENCE)	PART NUMBER
NICKEL	2098251-2
GOLD	2098251-1

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	30JUN2009 J. SANDBURG	Tyco Electronics
INCHES	0 PLC ±·	CHK	06JUL2009 M. TRULL	Harrisburg, PA 17105-3608
	1 PLC ±·	APVD	14JUL2009 M. TRULL	NAME
	2 PLC ±.02	PRODUCT SPEC	-	SOCKET CONTACT ASSEMBLY
	3 PLC ±.005			SIZE 16
	4 PLC ±·	APPLICATION SPEC		18 AWG TO 1.5 SQ.MM. WIRE
	ANGLES ±·	114-13045		
MATERIAL 1 -	FINISH 2 -	WEIGHT	SIZE A2	CAGE CODE 00779	DRAWING NO C-2098251	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 10:1	SHEET 1 OF 2	REV A

Mouser Electronics

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