

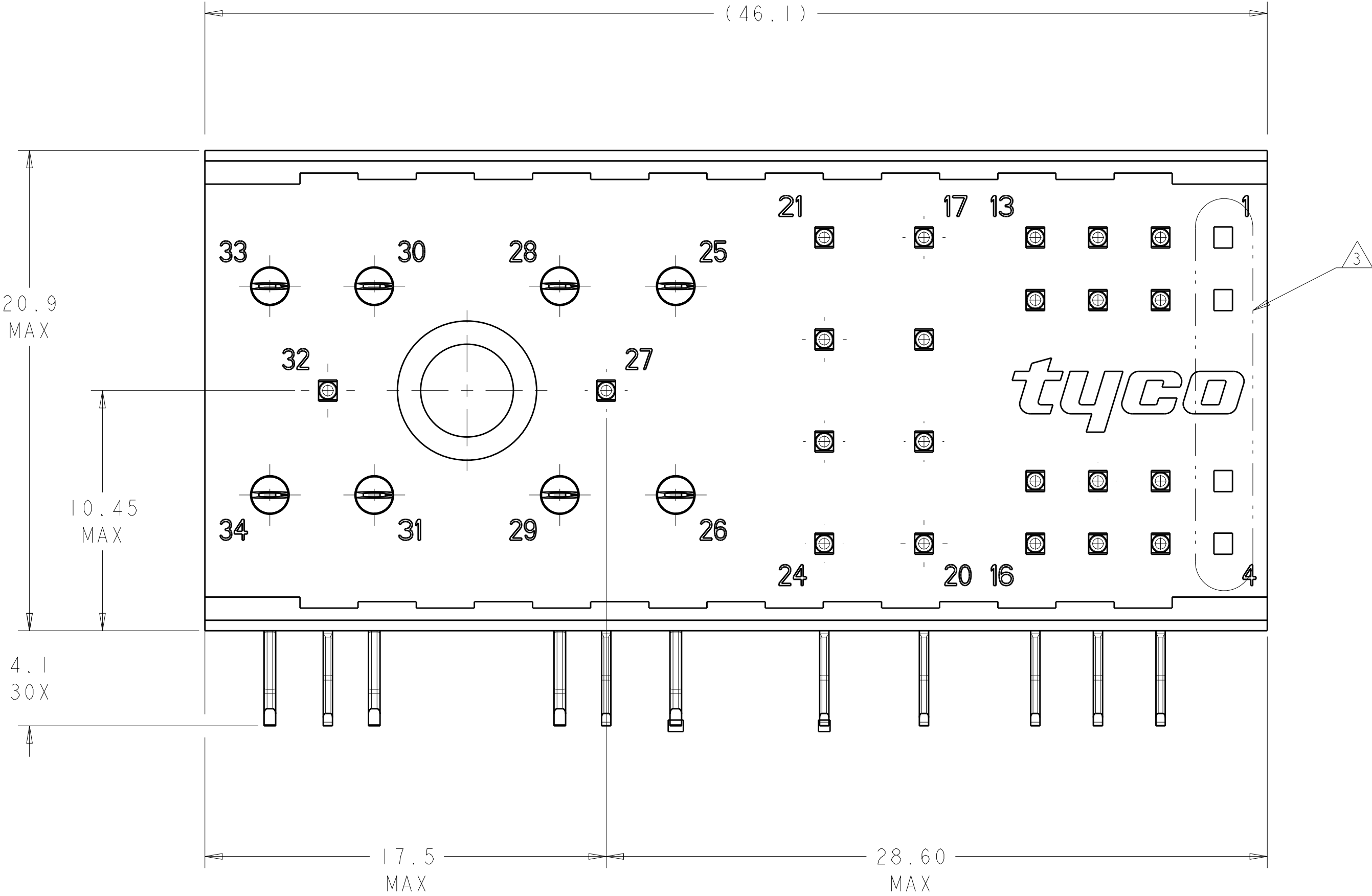
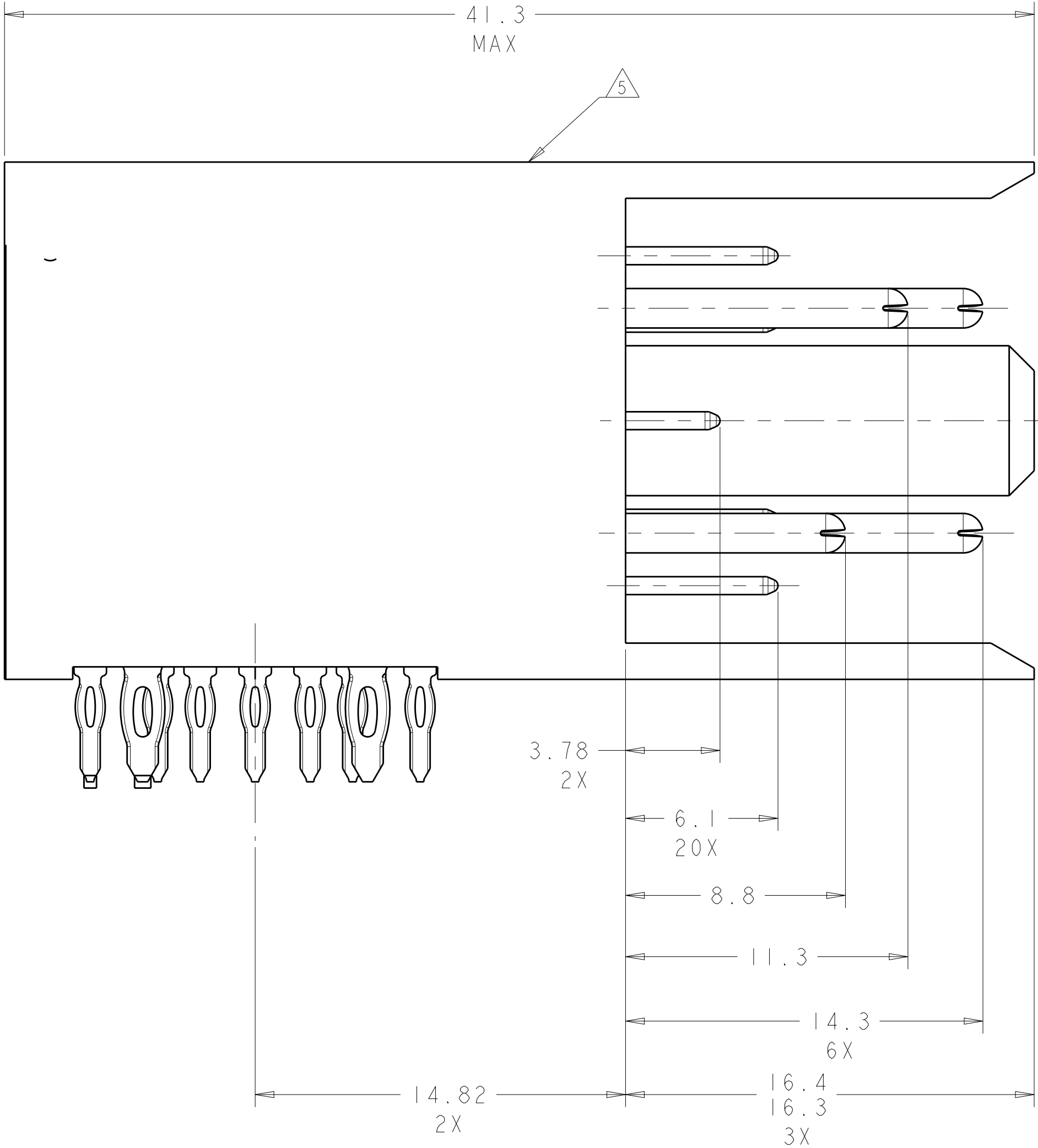
LOC		DIST		REVISONS				
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		E1		REVISED PER ECO-11-005033	19MAR2011	RK	HMR	
		E2		REMOVE PRELIMINARY MARK	24NOV2011	OL	SZ	
		F		REV PER ECR-12-016995	04NOV2012	OL	SZ	

D

C

B

A



C

B

A

- 1 MATERIALS:
- HOUSING: HIGH TEMP THERMOPLASTIC, UL94V-0, GRAY.
SIGNAL CONTACTS: COPPER ALLOY
POWER CONTACTS: COPPER ALLOY
- 2 CONTACT FINISH:
- ALL OVER: 0.00127 MIN NICKEL
COMPLIANT PIN AREA: 0.00127 MIN TIN
MATING AREA: 0.00076 MIN GOLD
- 3 POSITIONS 1-4 ARE UNPOPULATED AND RESERVED FOR FUTURE USE.
- 4 HOLES INDICATED ARE NOT REQUIRED FOR TE CONNECTIVITY PRODUCT.
- 5 TE CONNECTIVITY PART NUMBER AND DATE CODE (YYWW) LOCATED ON SURFACE INDICATED.
- 6 DATUM AND BASIC DIMENSION TO BE ESTABLISHED BY CUSTOMER.
- 7 CONTACT FINISH:
- ALL OVER: 0.00127 MIN NICKEL
COMPLIANT PIN AREA: 0.00127 MIN TIN-LEAD
MATING AREA: 0.00076 MIN GOLD
- 8 CONTACT MATING AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT.
TECHNICAL REFERENCE: GR-1217-COR, ISSUE 1, NOVEMBER 1995
- 9 CONTACT FINISH:
- ALL OVER: 0.00127 MIN NICKEL
COMPLIANT PIN AREA: 0.00127 MIN TIN
MATING AREA: 0.00127 MIN GOLD

SEQUENCING TABLE	
CONTACT POSN	PIN LENGTH
1-4	NOT USED
5-24	6.1
25,26,28-31	14.3
27,32	3.8
33	11.3
34	8.8

Ⓔ

9

Ø0.762

22

22

ZP-A-030M-P2-2B

1766500-3

Ø1.58

8

16

Ø0.762

22

22

ZP-A-030M-P2-2B

1766500-2

Ø1.58

8

16

Ø0.762

22

22

ZP-A-030M-P2-2B

1766500-1

Ø1.58

8

16

PLATING

MATING PIN DIAMETER

CONTACT QTY

SIZE NO

TYPE DESIGNATION

PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN HAMNER 20MAY2005

CHK M.McALONIS 21AUG2006

APVD M.McALONIS 21AUG2006

PRODUCT SPEC 108-2216

APPLICATION SPEC 114-13156

ANGLES

FINISH

WEIGHT

Customer Drawing

TE Connectivity

ASSEMBLY, RT ANGLE, AdvancedTCA

SIZE A1

CAGE CODE 00779

DRAWING NO 1766500

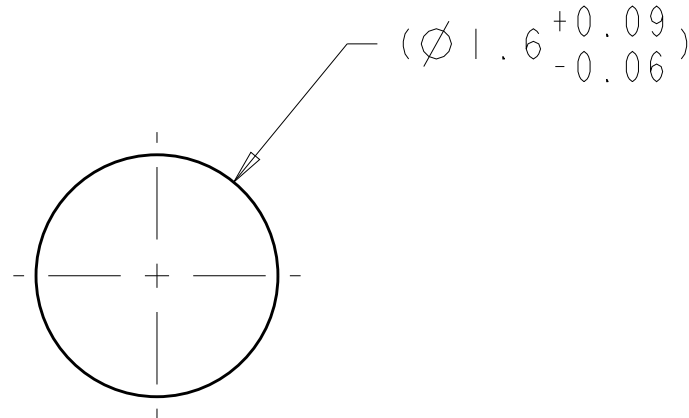
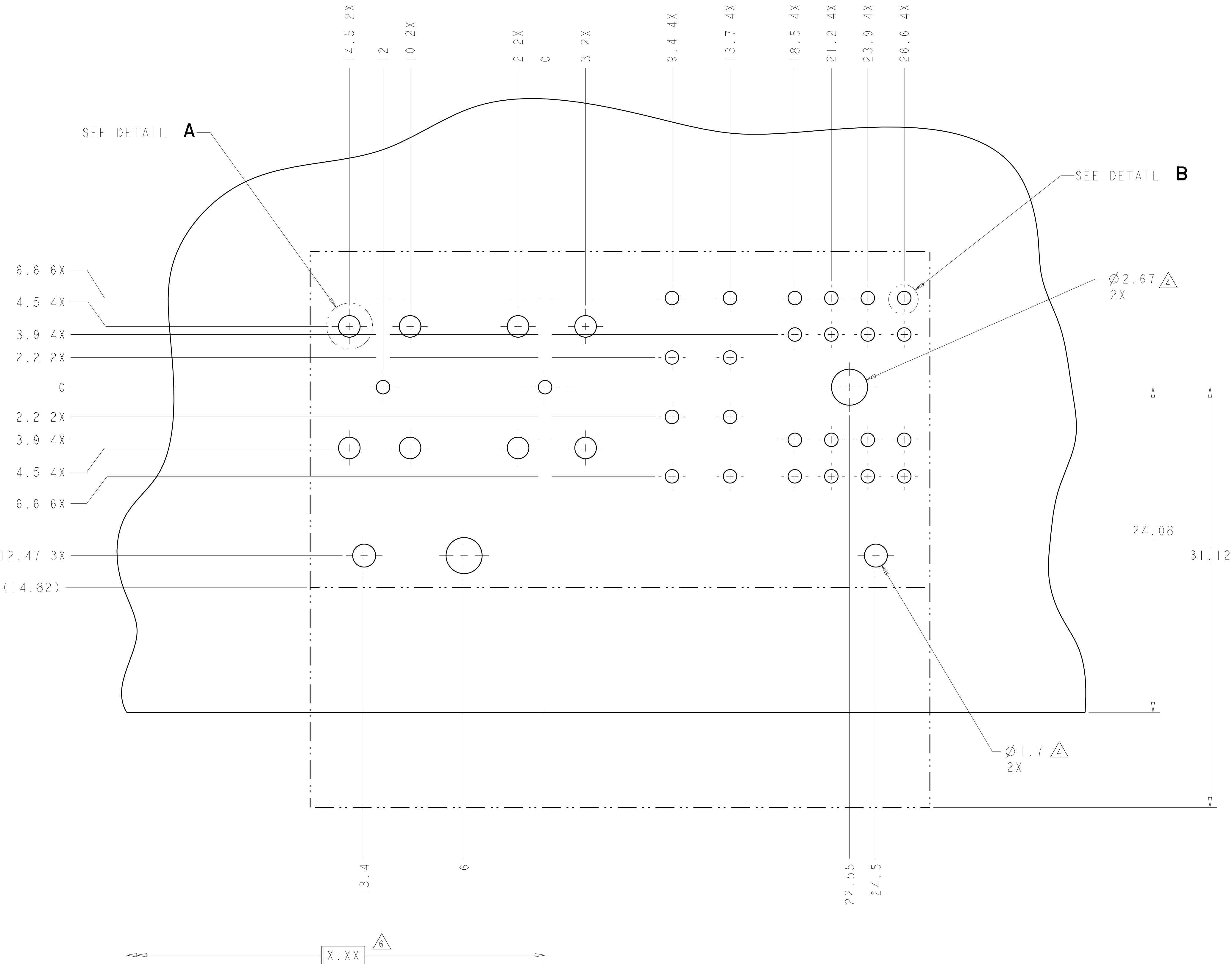
RESTRICTED TO

SCALE 6:1

SHEET 1 OF 2

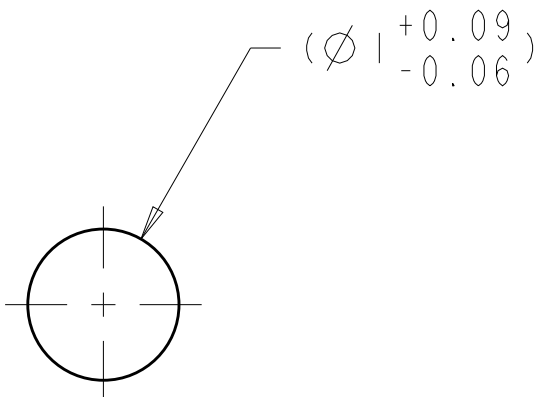
REV F

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



DETAIL **A**
SCALE 20:1
8X (SIZE 16)

FINISHED HOLE: $\varnothing 1.6^{+0.09}_{-0.06}$
DRILLED HOLE: $\varnothing 1.75 \pm 0.025$
COPPER PLATE: 0.025 MIN (PER SURFACE)
TIN PLATE: 0.008 MIN (PER SURFACE)



DETAIL **B**
SCALE 20:1
26X (SIZE 22)

FINISHED HOLE: $\varnothing 1^{+0.09}_{-0.06}$
DRILLED HOLE: $\varnothing 1.15 \pm 0.025$
COPPER PLATE: 0.025 MIN (PER SURFACE)
TIN PLATE: 0.008 MIN (PER SURFACE)

RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN HAMNER	20MAY2005	 TE Connectivity					
DIMENSIONS:		CHK M. McALONIS	21AUG2006						
mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	ASSEMBLY, RT ANGLE, AdvancedTCA				
		M. McALONIS 21AUG2006							
	0 PLC	+	PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
	1 PLC	±0.5	108-2216						
	2 PLC	±0.13	APPLICATION SPEC						
	3 PLC	±0.013	114-13156						
	4 PLC	±0.0001	WEIGHT						
MATERIAL	FINISH	+	-	A1	00779	C=1766500	-		
Customer Drawing				SCALE	6:1	SHEET	2 OF 2	REV	F

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[TE Connectivity:](#)

[1766500-1](#)