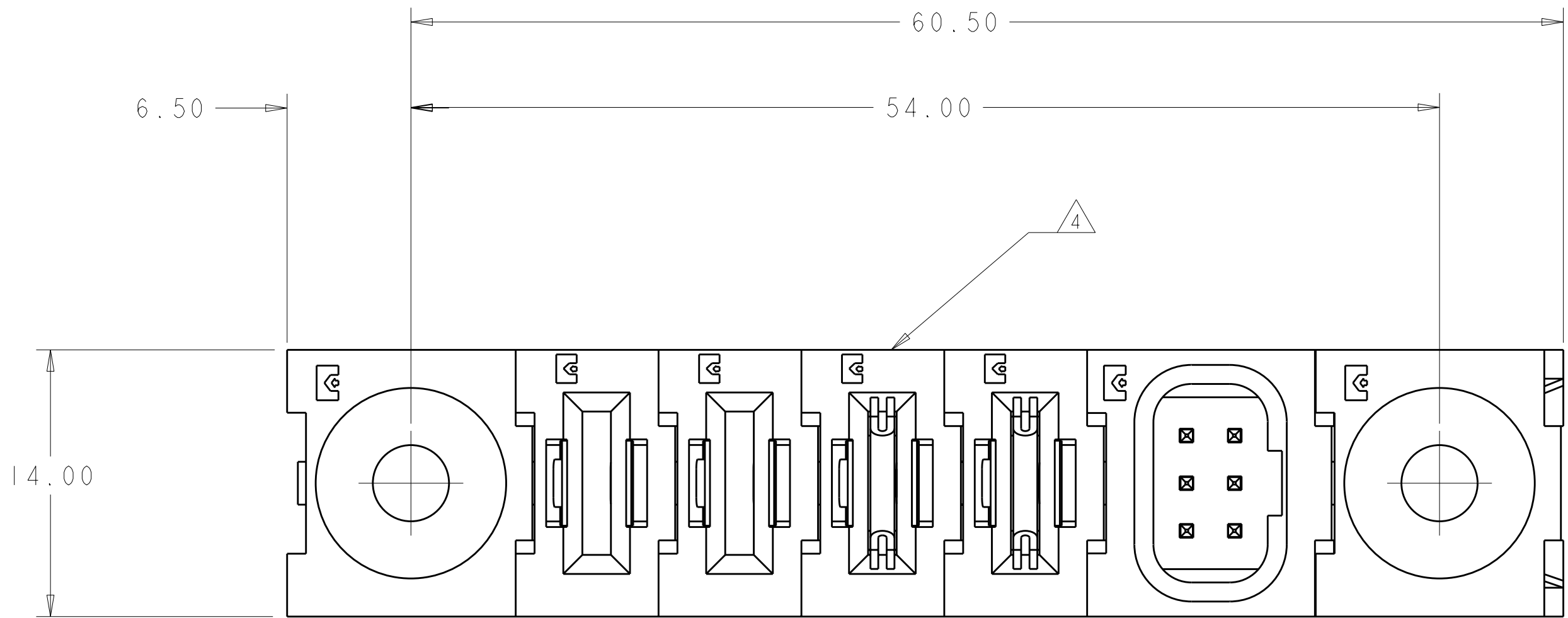


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-		A	NEW RELEASE	14OCT2008	CR	PD
			A1	REV PER ECO-10-001284	22JAN2010	RG	MS
			B	REV PER ECO-11-020831	12SEP2011	RG	MS



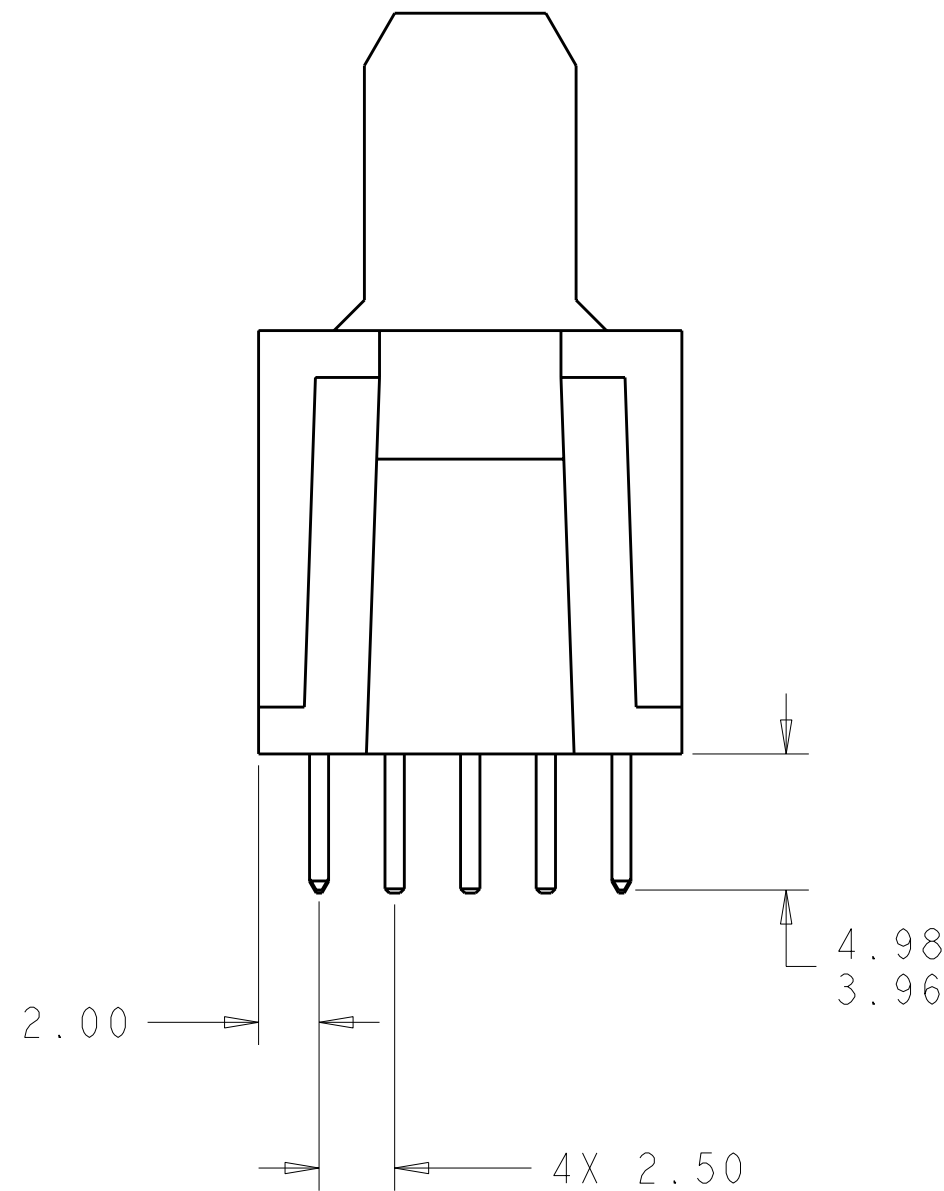
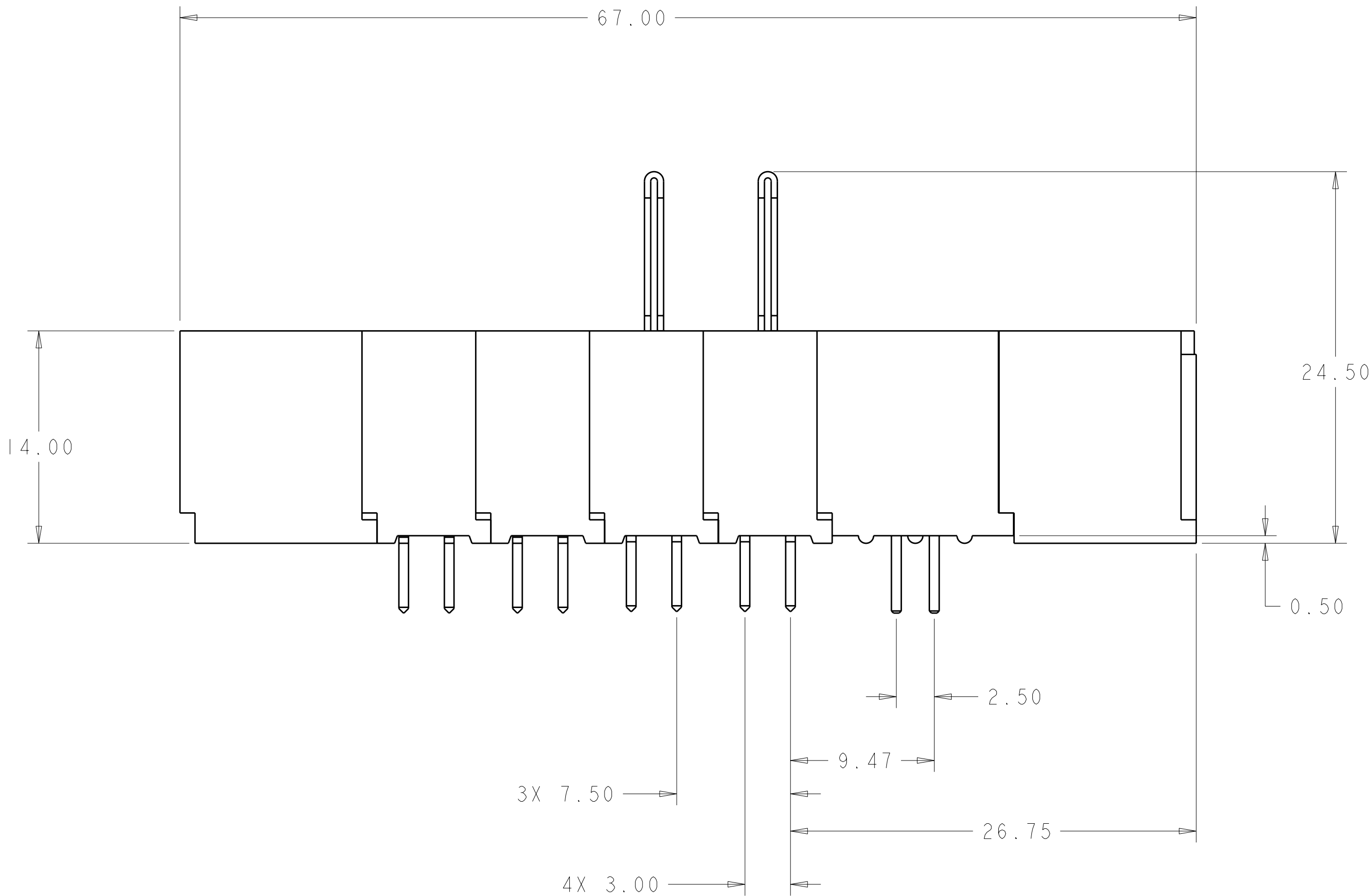
1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIAL:
- INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK, UL94V-0 FLAMMABILITY RATED.
 - POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY
 - CROWN BAND: BERYLLIUM COPPER ALLOY
3. FINISH:
- CONTACTS: GOLD PLATE 0.76µm MIN. THK., OVER NICKEL 1.27µm MIN. THK
 - SOLDER TAILS: TIN 3.05µm MIN. THK. OVER NICKEL 1.27µm MIN THK.

△ 4 ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER LABEL

YEAR 1 WEEK 1

TYCO ELECTRONICS P/N DATE CODE (e.g. 0106)

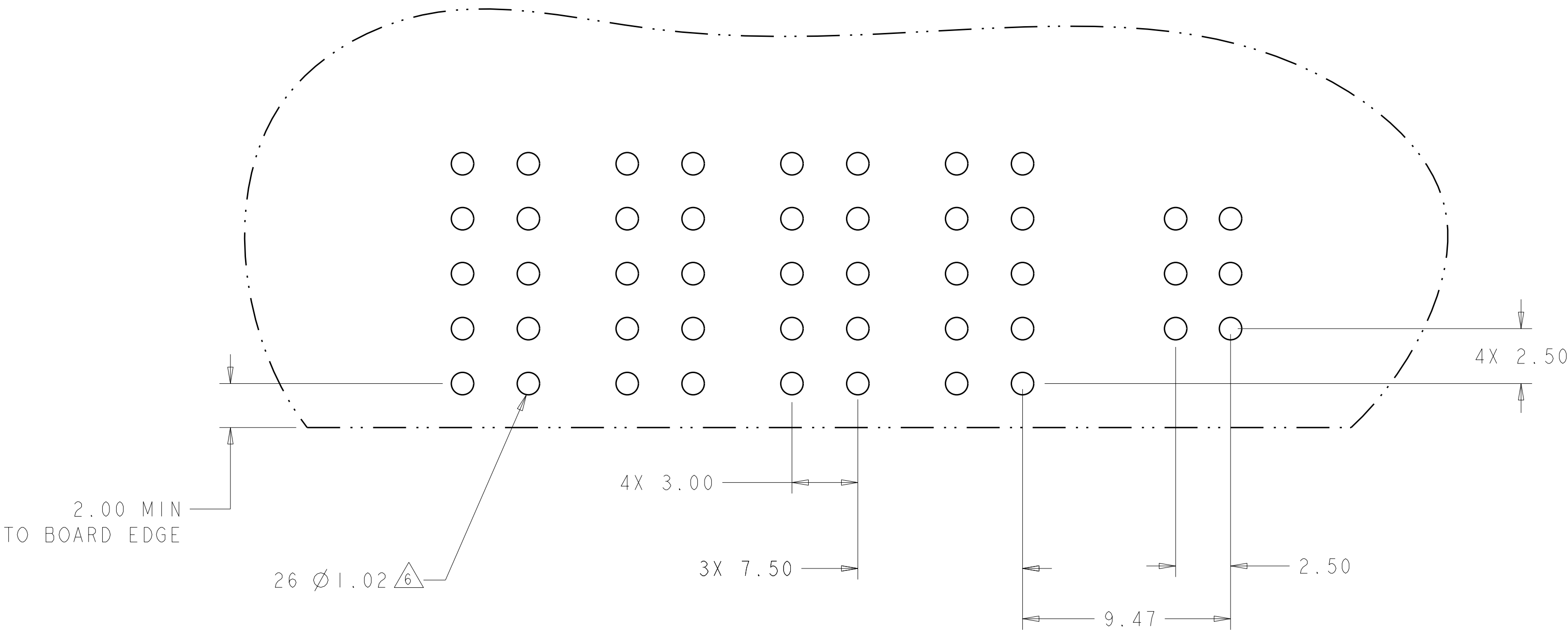
XXXXXXXX-X XXXX



ELCON FLATPAQ

AS SHOWN		2085011-1	
DESCRIPTION		PART NO.	
DWN C. ROHLER 14OCT2008		Tyco Electronics Harrisburg, PA 17105-3608	
CHK P. DAMATO 14OCT2008		NAME SOCKET CONNECTOR ASSEMBLY	
APVD M. PERCHERKE 14OCT2008		SIZE A100779	
DIMENSIONS: mm 9 PLC ±.50 3 PLC ±.25 5 PLC ±.25 4 PLC ±.5 ANGLES FINISH		TOLERANCES UNLESS OTHERWISE SPECIFIED: PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING	
MATERIAL -		SCALE 1:1	
		SHEET 1 OF 3	
		REV B	

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



PRINTED CIRCUIT LAYOUT
SCALE 6:1

CONNECTOR	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING
SOCKET	FPI00	2	8	2	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FPI01	2	8	2	1.25 X 7.00 [.049 X .276]	35 amps	7.50 [.2953]	250 VOLTS
	FP312	1	22	6	.64 SQ.	3 amps	2.5	125 VOLTS
	FP502	2	STRAIGHT GUIDE SOCKET					

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DATE: 14OCT2008

BY: C. ROHLER

DATE: 14OCT2008

BY: P. DAMATO

DATE: 14OCT2008

BY: M. PERCHERKE

DIMENSIONS:

mm

9 PLC ±.50

2 PLC ±.25

3 PLC ±.25

4 PLC ±.5

ANGLES

FINISH

MATERIAL

FINISH

DWN

14OCT2008

C. ROHLER

APVD

14OCT2008

P. DAMATO

APVD

14OCT2008

M. PERCHERKE

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

SOCKET CONNECTOR ASSEMBLY

FLATPAQ

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

C=2085011

-

SCALE

1:1

SHEET

2

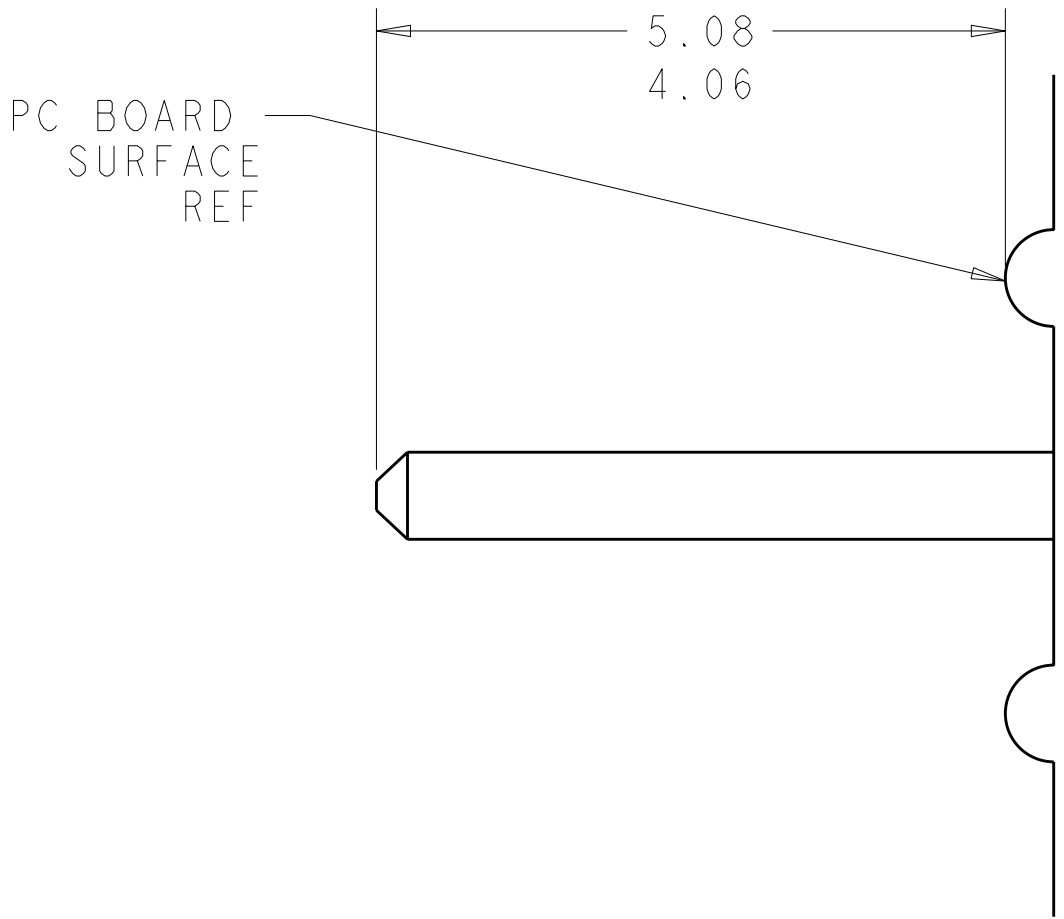
OF

3

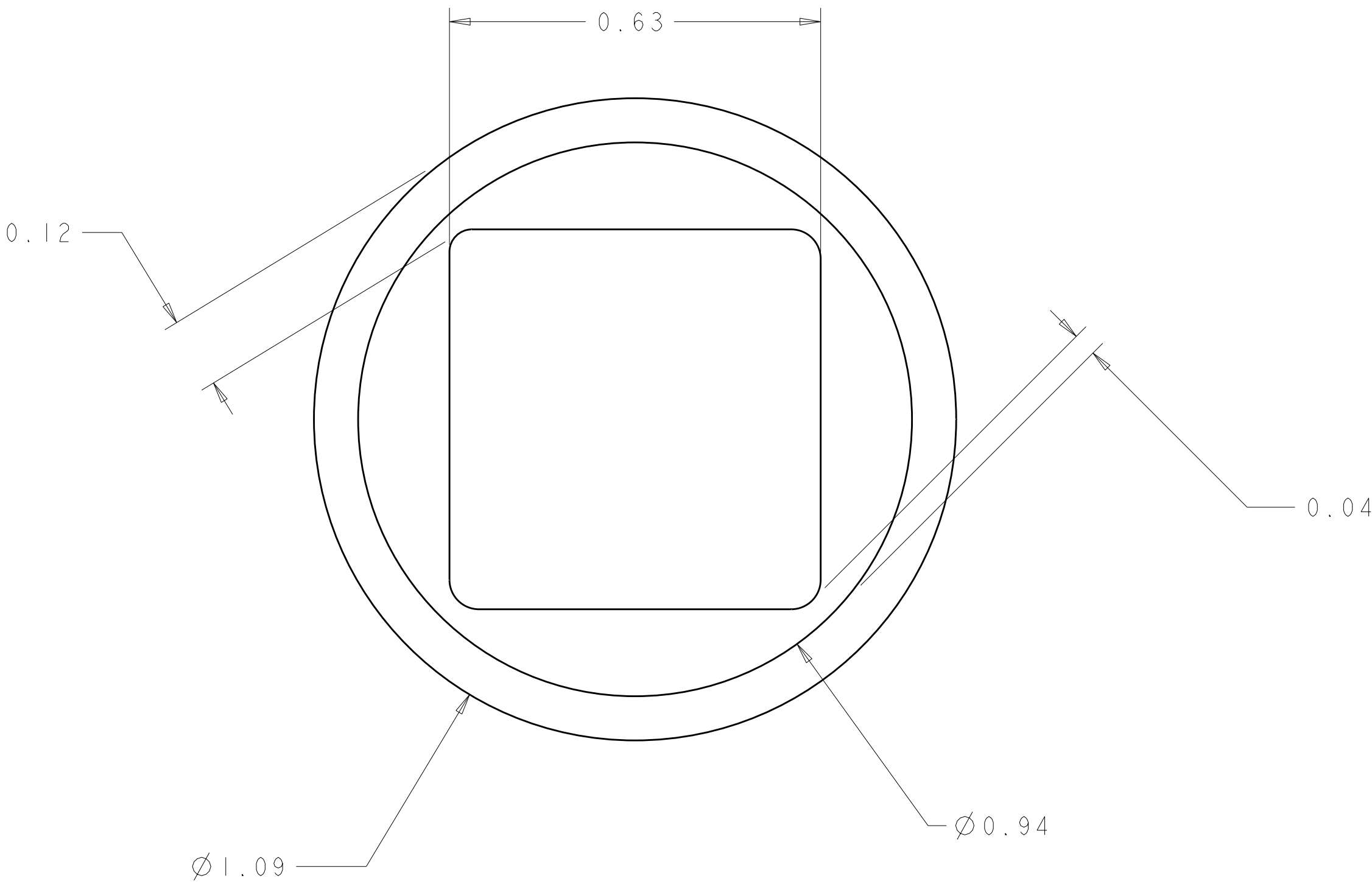
REV

B

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



5. SOLDER TAIL DETAIL
SCALE: 10:1



6. SOLDER TERMNIATION AREA

SCALE 40:1
RECOMMENDED PRINTED CIRCUIT SOLDER HOLE
FINISHED HOLE: Ø1.02 [.040] ±.08 [.003]
DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025 [.0010] MIN
TIN PLATE: .008 [.0003] MIN. (PER SURFACE)

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DIMENSIONS: mm  MATERIAL - FINISH -		CHK P. DAMATO	14OCT2008		
		APVD M. PERCHERKE	14OCT2008		
		PRODUCT SPEC			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		SOCKET CONNECTOR ASSEMBLY	
9 PLC ±.50 3 PLC ±.25 5 PLC ±.25 4 PLC ±.5 ANGLES ±.5 FINISH		APPLICATION SPEC		FLATPAQ	
WEIGHT		SIZE CAGE CODE DRAWING NO		RESTRICTED TO	
-		A100779C=2085011		-	
CUSTOMER DRAWING		SCALE 4:1 SHEET 3 OF 3 REV B			