Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

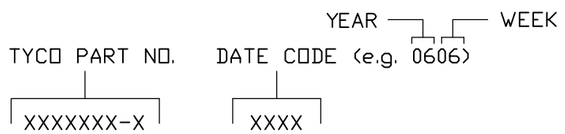
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	3/6/06

NOTES: UNLESS OTHERWISE SPECIFIED.

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIALS:
   - INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR BLACK, UL94V-0 FLAMMABILITY RATED.
   - SOLDER SIGNAL PIN: BRASS ALLOY.
   - POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY.
   - CROWN BANDS: COPPER ALLOY.
3. FINISHES:
   - CONTACTS: GOLD PLATE .000030" MIN. THK, OVER NICKEL .000050" MIN. THICKNESS.
   - TERMINALS: TIN PLATE, MATTE FINISH 000100" MIN. THK. OVER NICKEL .000050 MIN THK.
4. SIGNAL MODULE PINS ARE ALL PREMATE.
5. MOUNTING FLANGES ACCEPT M3 OR #4 SCREWS, (USER SUPPLIED).
6. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



7. MODULE INFORMATION

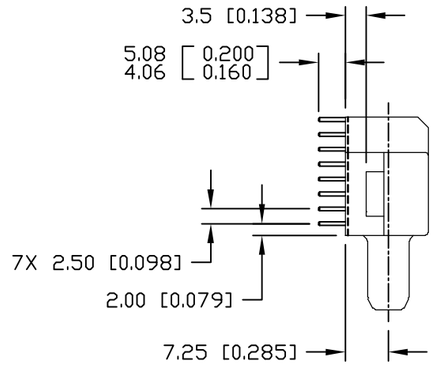
CONNECTOR	TYCO PART NUMBER	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
PIN	6648000-1	FP0106	2	8	8	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [.2953]	250 VOLTS
		FP0302	1	22	24	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS
		FP0516	2	ACTIVE RIGHT ANGLE GUIDE SOCKET					
		FP0509	1	LEFT MOUNTING FLANGE					
		FP0510	1	RIGHT MOUNTING FLANGE					

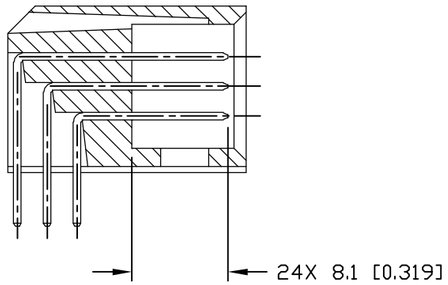
*IAW IEC-950

MM / INCH OR MM [INCH] THIRD ANGLE PROJECTION	DRAWN R. F. A.	DATE 3/6/06	tyco Electronics — Tyco Electronics Corporation, Menlo Park, Ca 94025 — ELCON
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	CHECKED		TITLE: PIN CONNECTOR, FLATPAQ RIGHT ANGLE, SOLDER TAILS
	APPROVED		
	APPROVED S.FLICKINGER	06MAR06	SIZE B — DWG NUMBER C-6648000 — REV. A
	DCA APPROVED		
	ACAD FILE NUMBER C6648000A.DWG		DWG SCALE 1=1 — SH 1 OF 3

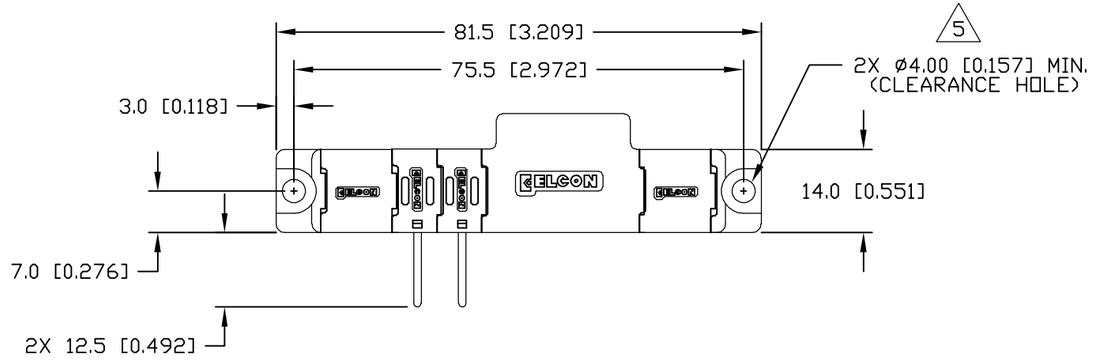
TYCO PART NUMBER
6648000-1

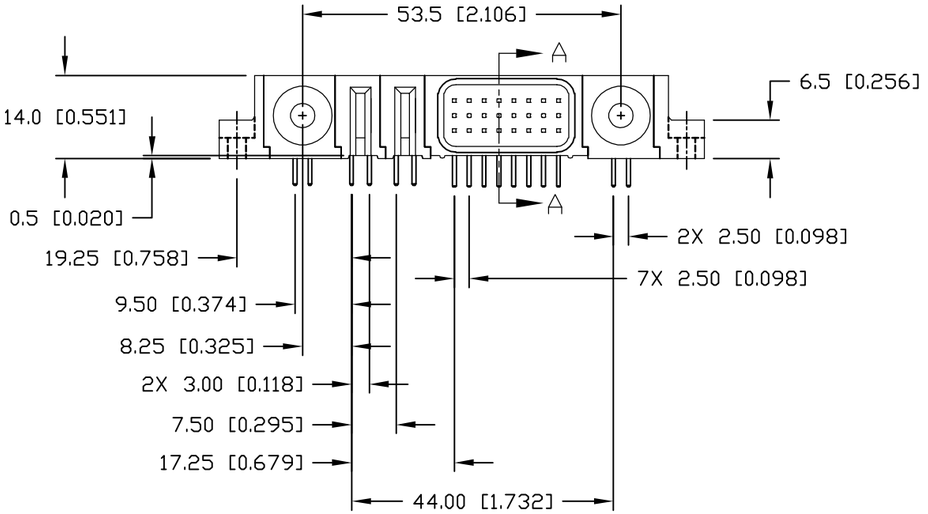
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

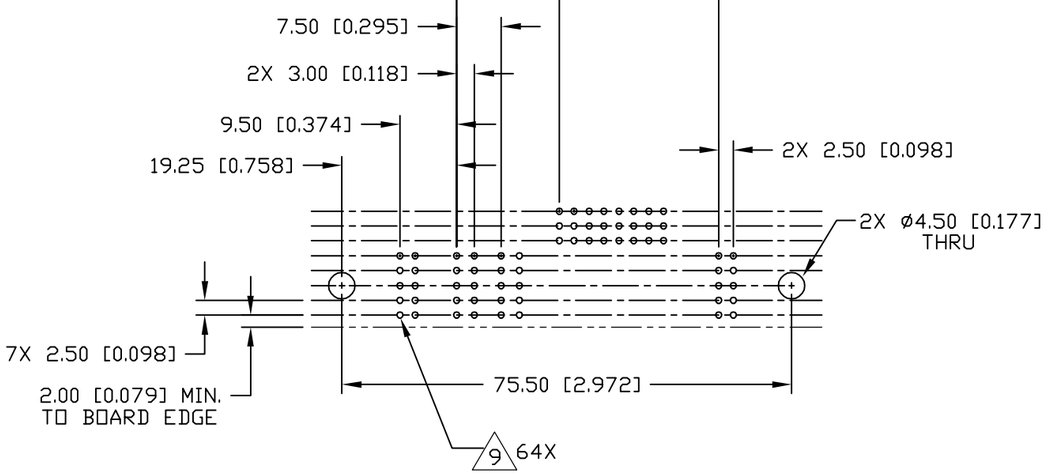




4 SECTION A-A



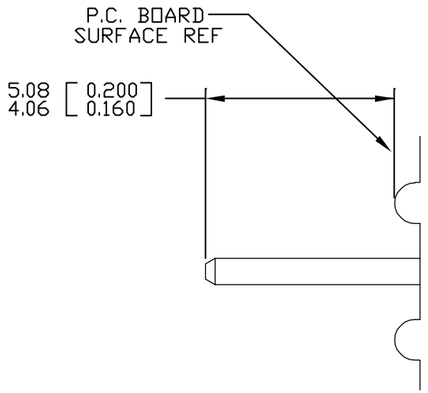




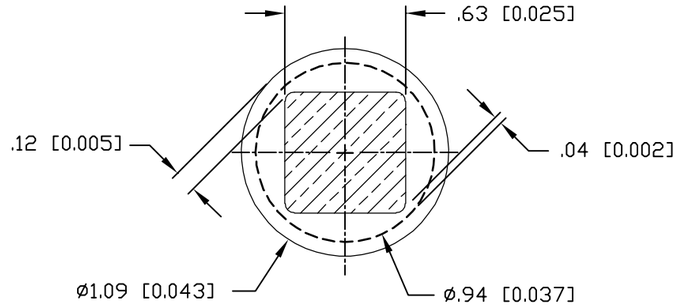
PRINTED CIRCUIT LAYOUT

MM / INCH OR MM [INCH] THIRD ANGLE PROJECTION	DRAWN R. F. A.	DATE 3/6/06	Tyco Electronics Corporation, Menlo Park, Ca 94025 — ELCON
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	CHECKED		TITLE: PIN CONNECTOR, FLATPAQ RIGHT ANGLE, SOLDER TAILS
	APPROVED		
	APPROVED		SIZE B — DWG NUMBER C-6648000 — REV. A
	DCA APPROVED		
	ACAD FILE NUMBER C6648000A.DWG		DWG SCALE 1=1 — SH 2 OF 3

REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



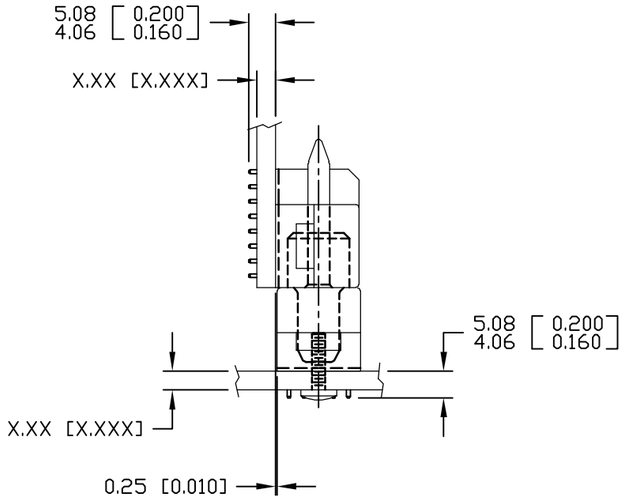
8. SOLDER PIN DETAIL

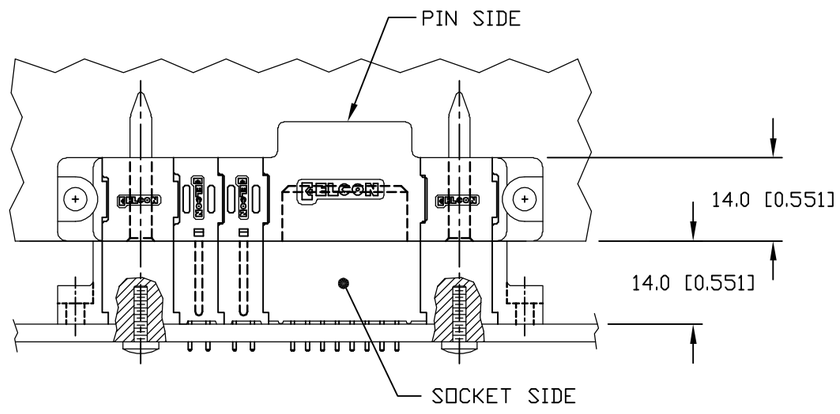


9 SOLDER TERMINATION AREA

RECOMMENDED PRINTED CIRCUIT HOLE

FINISHED HOLE: ø1.02 [.040] ±.08 [.003]
DRILLED HOLE: ø1.15 [.0453] ±.013 [.0005]
COPPER PLATE: .025-.050 [.001-.002] MINIMUM (PER SURFACE)
TIN PLATE: .0005 [.00002] MINIMUM (PER SURFACE)





MATED CONDITION

MATES WITH 6646597-1

MM / INCH OR MM [INCH]
THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]

TOLERANCES

ANGLES ± .5°

DECIMALS

.XX ± .25 [.010]
.X ± .5 [.020]

DRAWN R. F. A.	DATE 3/6/06	
CHECKED		
APPROVED		
APPROVED		
DCA APPROVED		
ACAD FILE NUMBER C6648000A.DWG		DWG SCALE 1=1

tyco Electronics — Tyco Electronics Corporation, Menlo Park, Ca 94025 — ELCON

TITLE

USER INFORMATION
SOLDER TAIL TERMINATION
AND MATED CONDITION

SIZE	DWG NUMBER	REV.
B	C-6648000	A

SH 3 OF 3