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REVISIONS			
EC	REV	DESCRIPTION	DATE
—	A	NEW RELEASE	06/28/05

5. MODULE INFORMATION

CONNECTOR	TYCO PART NUMBER	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
SOCKET	17766690-1	FP0104	2	8	2	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [2953]	250 VOLTS
		FP0516	1	ACTIVE RIGHT ANGLE GUIDE SOCKET					

*IAW IEC-950

NOTES: UNLESS OTHERWISE SPECIFIED.

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.
2. MATERIALS:

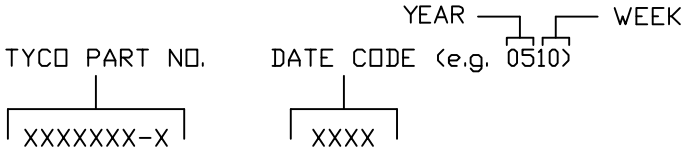
INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR-BLACK. UL94V-0 FLAMMABILITY RATED.

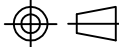
POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY.

CROWN BANDS: BERYLLIUM COPPER ALLOY.
3. FINISHES:

CONTACTS: GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 0, .000030" MIN. THICK OVER NICKEL PER QQ-N-290, CLASS 2, .000040" MIN. THICKNESS.

TERMINALS: TIN PLATED, MATTE FINISH .000100" MIN. THICKNESS.
4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



←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	DATE	tyco Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON			
	R. F. A.	06/10/05	TITLE CONNECTOR, SOCKET, RIGHT ANGLE STANDARD SOLDER TAILS FLATPAQ			
	CHECKED					
	APPROVED					
	APPROVED		SIZE DWG NUMBER REV.			
D. CHAU	06/29/05					
DCA APPROVED	06/30/05	B	C = 1766690	A		
M. ALIM						
ACAD FILE NUMBER			C1766690A.DWG		DWG SCALE 1 = 1	SH 1 OF 3

CONNECTOR, SOCKET, RIGHT ANGLE
STANDARD SOLDER TAILS
FLATPAQ

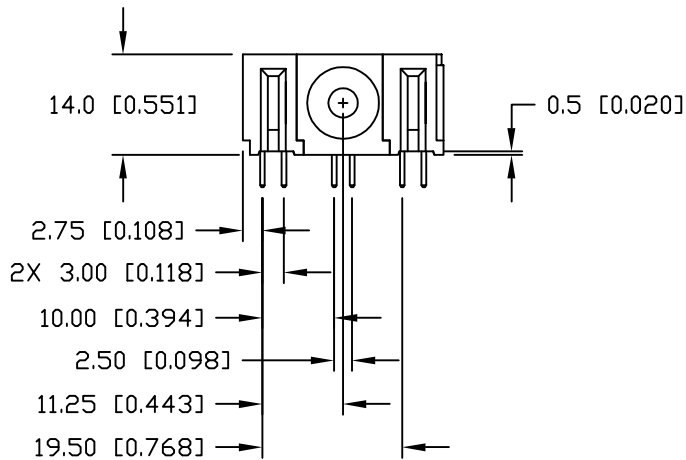
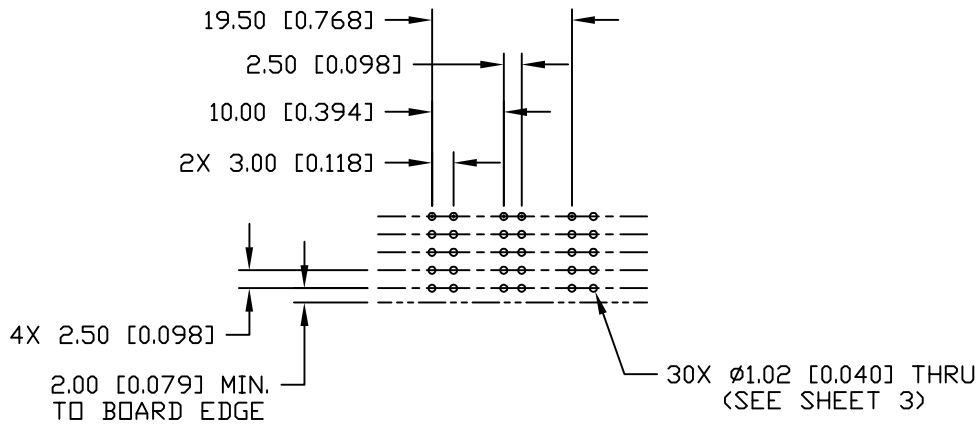
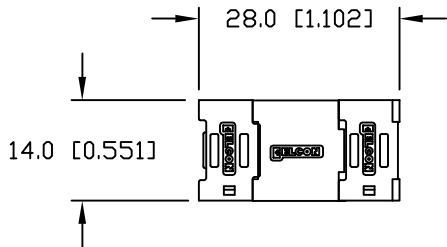
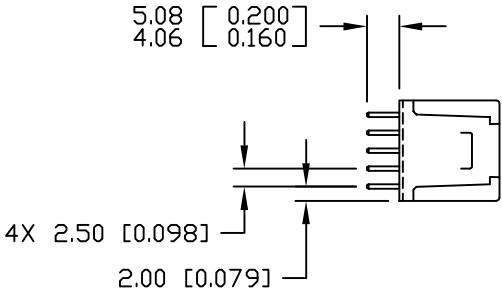
B

C = 1766690

A

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

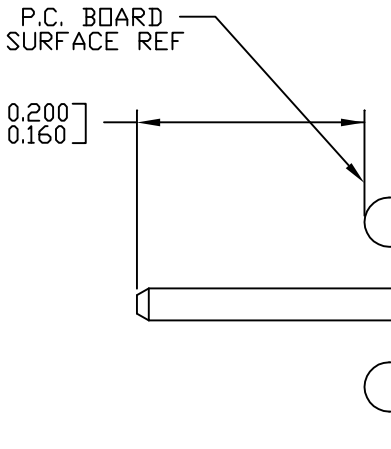


PRINTED CIRCUIT LAYOUT

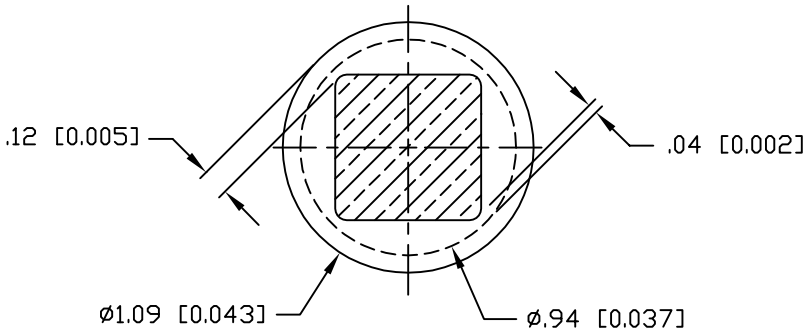
MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES ± .5° DECIMALS .XX ± .25 [.010] .X ± .5 [.020]	DRAWN R. F. A.	DATE 06/10/05	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON			
	CHECKED		TITLE			
	APPROVED		CONNECTOR, SOCKET, RIGHT ANGLE STANDARD SOLDER TAILS FLATPAQ			
	APPROVED					
D. CHAU	06/29/05	SIZE	DWG NUMBER		REV.	
DCA APPROVED		B	C = 1766690		A	
M. ALIM	06/30/05					
ACAD FILE NUMBER		C1766690A.DWG		DWG SCALE 1 = 1		SH 2 OF 3

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		SEE SHEET 1	



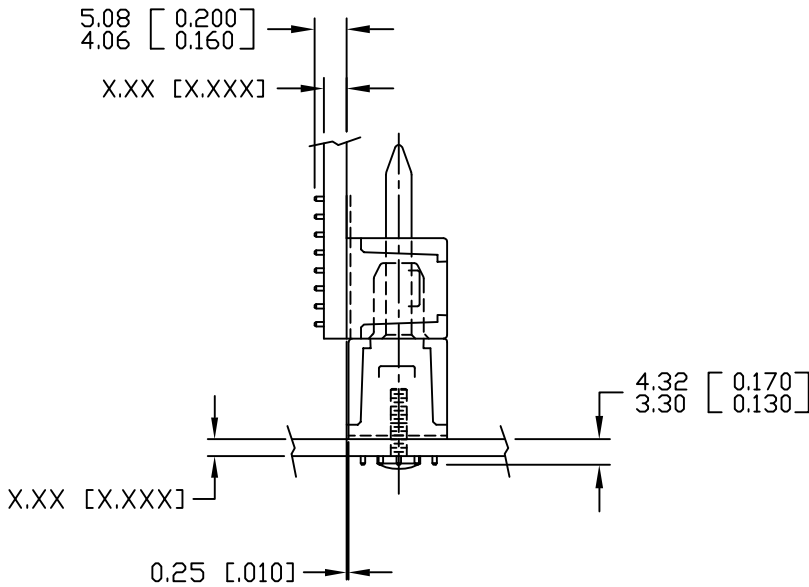
SOLDER PIN DETAIL



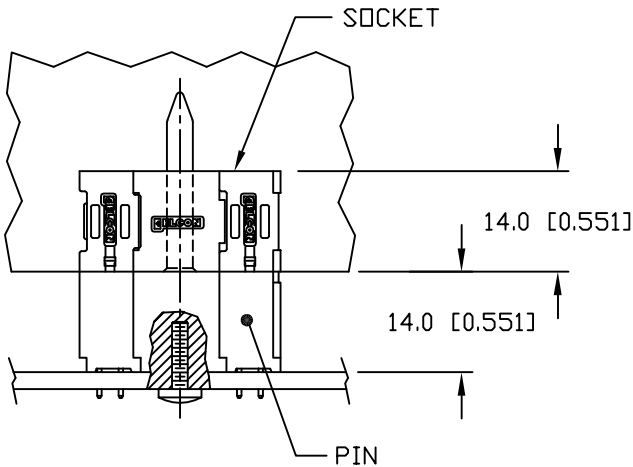
SOLDER TERMINATION AREA

RECOMMENDED PRINTED CIRCUIT HOLE

FINISHED HOLE: $\phi 1.02 [0.040] \pm .08 [0.003]$
DRILLED HOLE: $\phi 1.15 [0.0453] \pm .013 [0.0005]$
COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)
TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)



MATED CONDITION



MM INCH OR MM [INCH] THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS .XX $\pm .25 [0.010]$.X $\pm .5 [0.020]$	DRAWN R. F. A.	DATE 06/10/05	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON	TITLE USER INFORMATION SOLDER TAIL TERMINATION AND MATED CONDITION	
	CHECKED				
	APPROVED				
	APPROVED D. CHAU	06/29/05	SIZE B	DWG NUMBER C = 1766690	REV. A
ACAD FILE NUMBER C1766690A.DWG		DWG SCALE 1 = 1		SH 3 OF 3	