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REVISIONS

EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	09/28/05

B

B

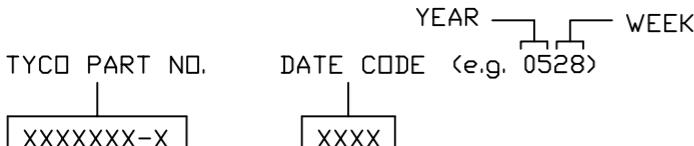
NOTES: UNLESS OTHERWISE SPECIFIED.

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: COPPER ALLOY.
3. FINISHES:

CONTACT PLATING: GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 0, .000030" MIN. THICKNESS OVER NICKEL, PER QQ-N-290,

TERMINALS: TIN PLATED, MATTE FINISH .000100" MIN. THICKNESS.

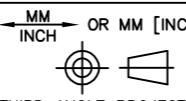
4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER.



5. CONNECTOR INFORMATION

CONNECTOR	TYCO PART NUMBER	CONFIGURATION REF #	CONTACT	POSITION	CONTACT PITCH	VOLTAGE RATING*
PIN	6643858-1	MPK013	SIGNAL	10-33	2.50 [0.098]	60 VOLTS
			POWER	9, 34-36	6.50 [2.56]	125 VOLTS
			POWER	1-8	4.50 [1.77]	COMMON

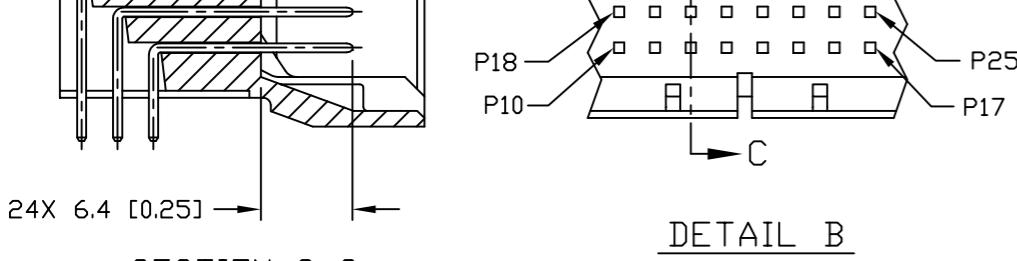
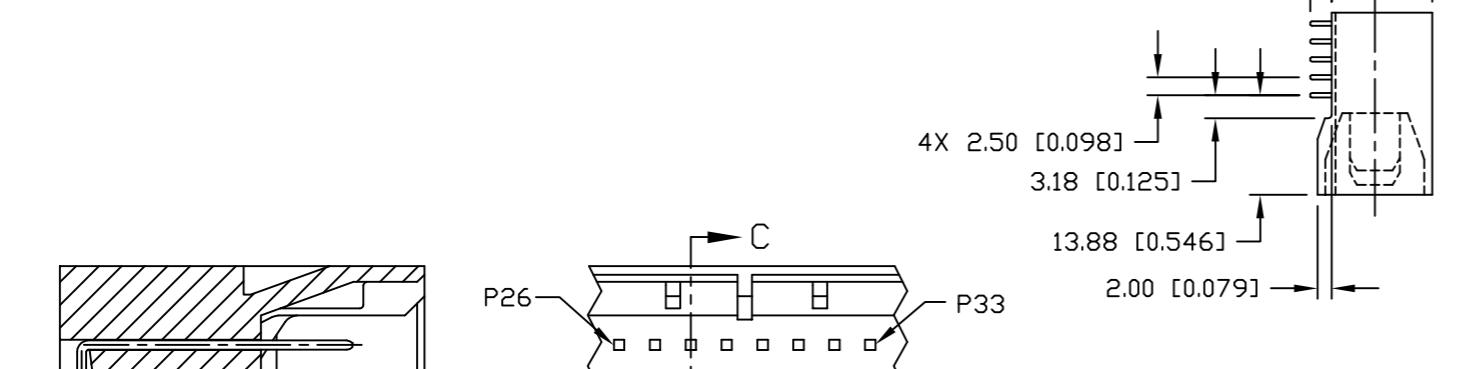
*IAW UL 60950

 <small>MM OR MM [INCH]</small> <small>INCH</small> <small>THIRD ANGLE PROJECTION</small>	DRAWN	DATE	 <small>Tyco Electronics</small> <small>Tyco Electronics Corporation</small> <small>Menlo Park, Ca 94025</small>	
	CHECKED			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED			TITLE
TOLERANCES	APPROVED			CONNECTOR, PIN, RIGHT ANGLE SHORT SOLDER TAILS, MINIPAK PN 6643858-1
ANGLES $\pm .5^\circ$	D. CHAU	09/28/05		
DECIMALS	APPROVED			
.XX $\pm .25 [0.010]$	D. CHAU	09/28/05		
.X $\pm .5 [0.020]$	M. ALIM	09/29/05		
ACAD FILE NUMBER	C-6643858		REV.	
C-6643858A.DWG			A	
DWG SCALE	1=1	SH 1 OF 3		

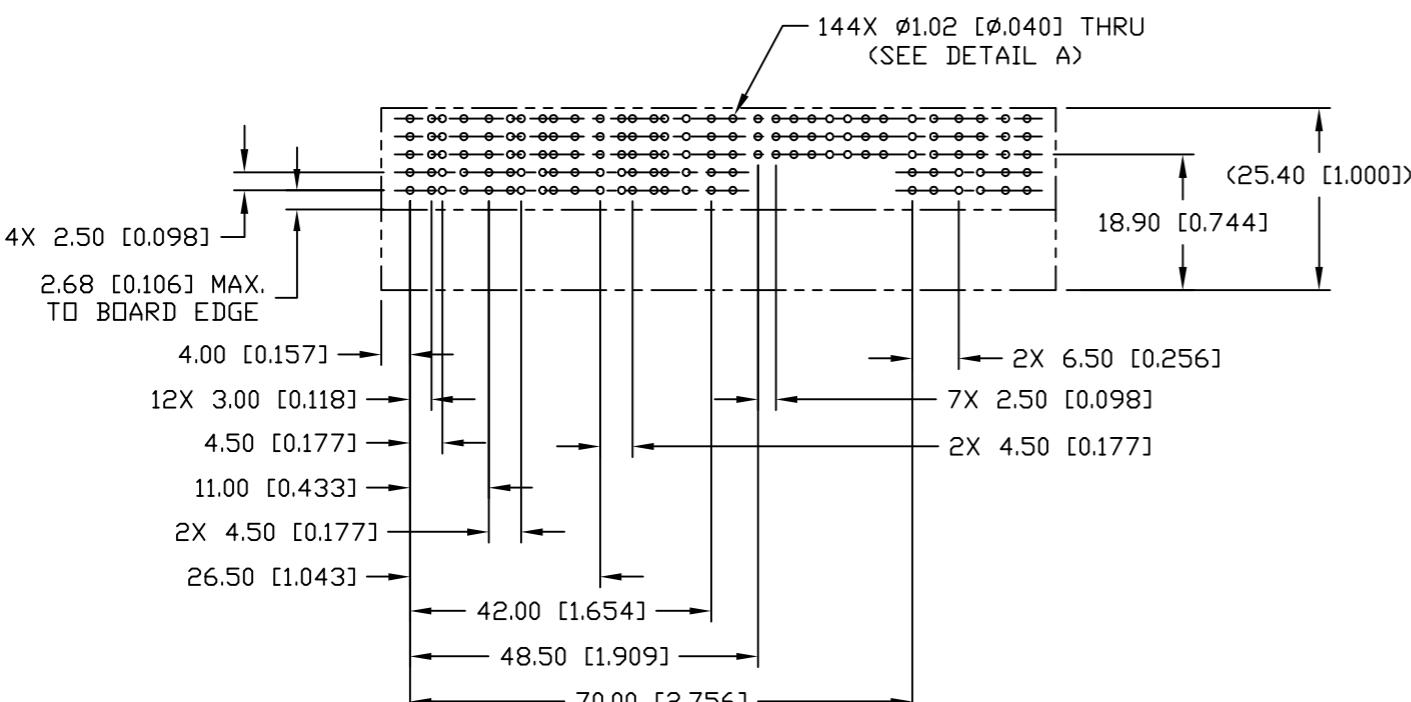
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REVISIONS

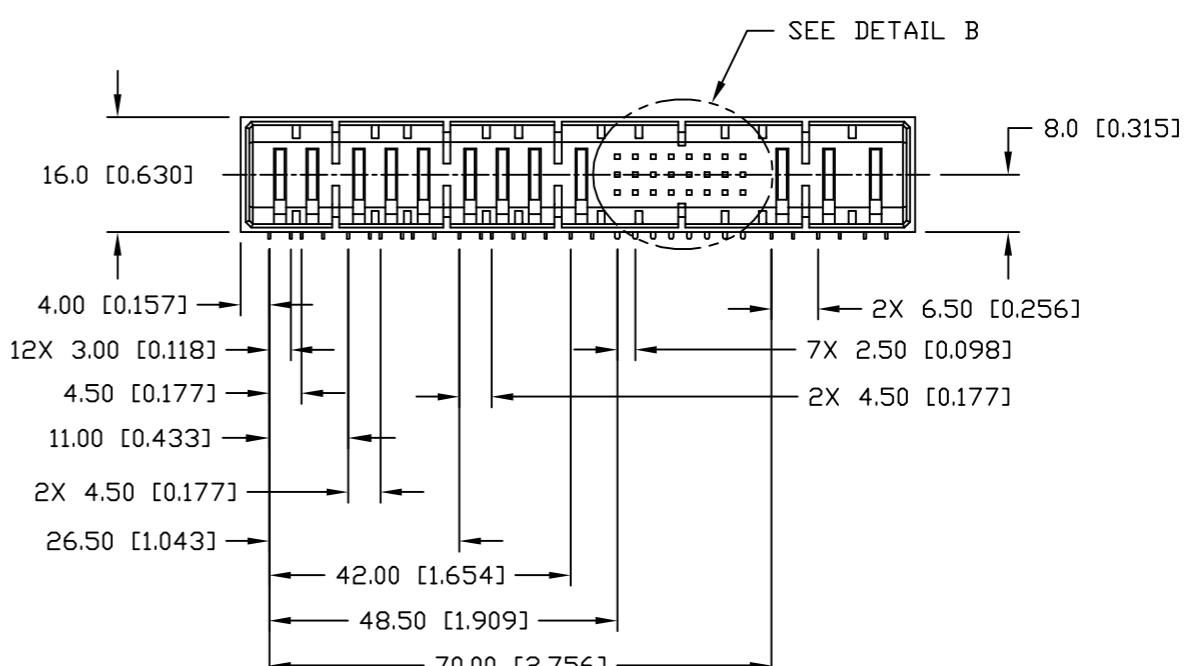
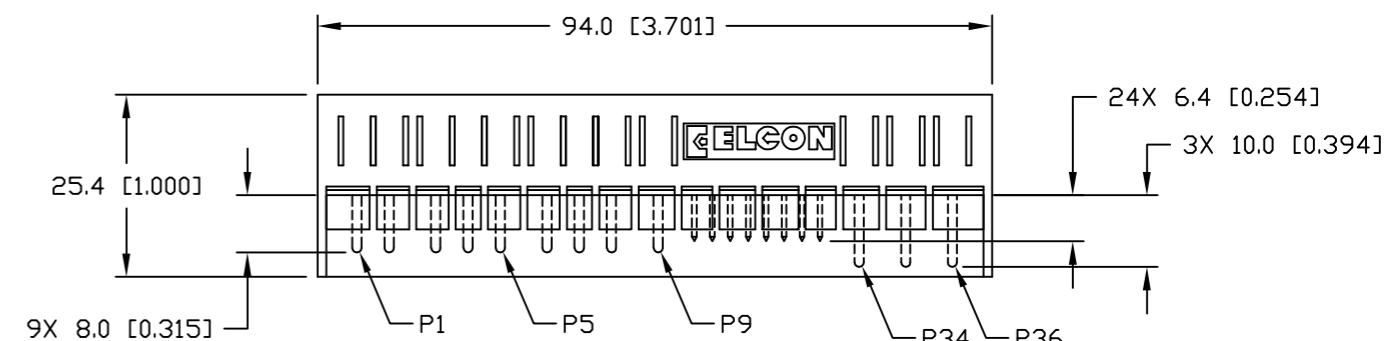
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



SECTION C-C



RECOMMENDED PC LAYOUT

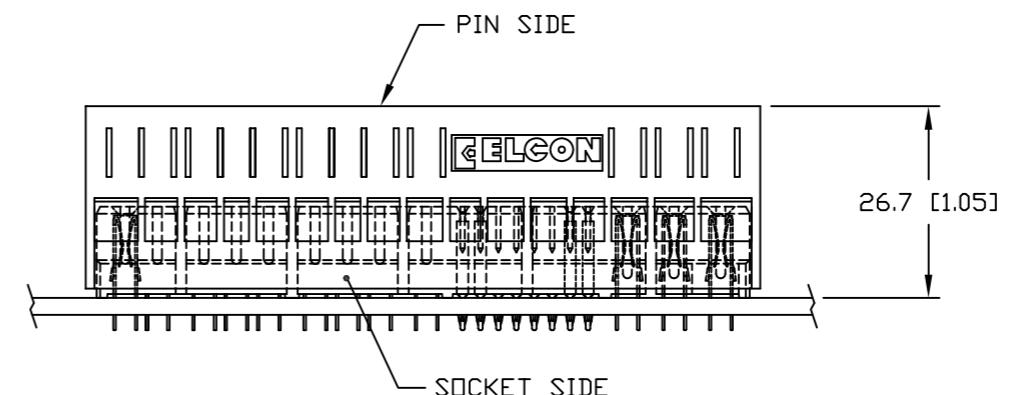
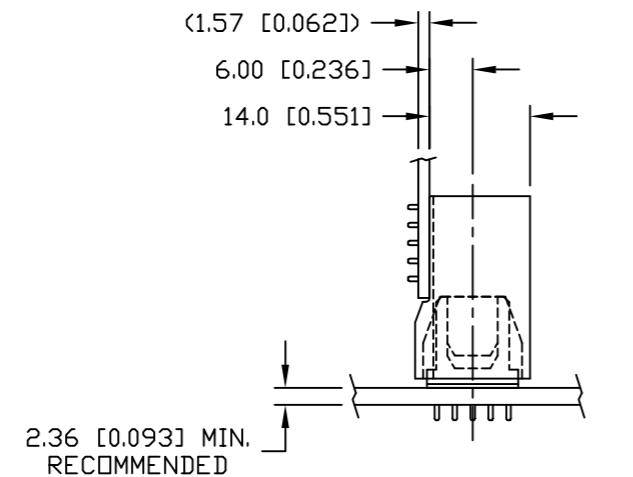


 THIRD ANGLE PROJECTION	DRAWN	DATE	 Tyco Electronics
	checked		
unless otherwise specified dimensions are in metric [inches]	APPROVED		
TOLERANCES	APPROVED		
ANGLES $\pm .5^\circ$	D. CHAU	09/28/05	
DECIMALS	DCA APPROVED		
.XX $\pm .25$ [0.010]	M. ALIM	09/29/05	
.X $\pm .5$ [0.020]	ACAD FILE NUMBER	C6643858A.DWG	
	DWG SCALE	1=1	SH 2 OF 3

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EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

MATED CONDITIONDETAIL ACOMPLIANT TERMINATION AREA

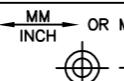
RECOMMENDED PRINTED CIRCUIT HOLE
FOR COMPLIANT PRESS FIT

FINISHED HOLE: $\varnothing 1.02$ [0.040] $\pm .08$ [0.003]

DRILLED HOLE: $\varnothing 1.15$ [0.0453] $\pm .013$ [0.005]

COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)

TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)

 THIRD ANGLE PROJECTION	DRAWN	DATE	tyco Electronics	Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		ELCON	TITLE USER INFORMATION AND MATED CONDITION PN 6643858-1
	APPROVED			
TOLERANCES ANGLES $\pm .5^\circ$	D. CHAU	09/28/05	SIZE DWG NUMBER	REV. C - 6643858
DECIMALS $.XX \pm .25$ [0.010]	DCA APPROVED		B	A
	M. ALIM	09/29/05		
ACAD FILE NUMBER			DWG SCALE 1=1 SH 3 OF 3	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6643858-1](#)