	REVISIONS				
EC	REV	DE	SCRIPTION	DATE	
CPR	Α	NEW RELEASE		11/22/05	

7. ITEM PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:

TYCO PART NUMBER DATE CODE (e.g. 0425)

XXXXXXX-X XXXX

6. REFERENCE DIMENSION (X.XX) IS WITHOUT TOLERANCE AND USED FOR INFORMATION ONLY.

MOUNTING HARDWARE: TO BE ORDERED SEPARATELY.

REFERENCE SHOULDER SCREW PN 1650598-1.

 $\stackrel{\textstyle \checkmark}{4}$  PCB TAIL PIN CONTACTS INSTALLED IN THE CONNECTOR ASSEMBLY.

3. FINISHES:

SIZE #16 CONTACTS: SILVER PLATED.

SIZE #20 CONTACTS: GOLD PLATED.

COMPLIANT PRESS FIT: TIN/LEAD PLATED.

CROWN BANDS: GOLD PLATED.

2. MATERIALS:

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

PIN CONTACTS: TELLURIUM COPPER ALLOY.

SOCKET CONTACTS: LEAD COPPER.

COMPLIANT PRESS FIT: PHOSPHOR BRONZE COPPER ALLOY.

CROWN BANDS: BERYLLIUM COPPER.

RETENTION CLIPS: BERYLLIUM COPPER OR STAINLESS STEEL.

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

NOTES: UNLESS OTHERWISE SPECIFIED

TABLE - PIN CONNECTOR PN 6643747-1							
PART NUMBER	DESCRIPTION	POSITION	QTY				
1648686-1	HOUSING, PIN, FRONT	N/A	1				
1648687-1	HOUSING, PIN, REAR INSERT	N/A	1				
1650483-1	RETENTION CLIP, #16	1-6, 19-24	12				
1650484-1	RETENTION CLIP, #20	7-18	12				
1766841-1	SCREW, SELF TAPPING, Ø2.5 X 10.00mm LONG	N/A	2				
1766223-1	CONTACT, PIN, #16, PCB TAIL, PREMATE	1-6, 19-24	12				
1650065-1	CONTACT, PIN, #20, PCB TAIL, PREMATE	7-12, 14-18	11				
1650283-1	CONTACT, PIN, #20, PCB TAIL, STANDARD	13	1				

MM OR MM [INCH]  THIRD ANGLE PROJECTION		DRAWN MC CANT/M. ALIM	DATE 11/22/05	Tyco Electronics Corporation  Electronics  Menlo Park, Ca 94025							
		CHECKED		TITLE	<del>ocu ornos</del>						
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		CONNECTOR, PIN P12S12 MINI DRAWER							
	TOLERANCES  ANGLES ± .5*	APPROVED				PN 66	S43747—1	1			
	ANGLES I .5	D. CHAU	11/22/05	SIZE	DWG NUME	BER				REV.	
	DECIMALS	DCA APPROVED				$\mathcal{C}_{\Box}$	6643747			٨	
	.XX ± .25 [.010]	M. ALIM	11/22/05	/05			⇒ = 0040747			A	
.X ± .5 [.020] ACAD F		ACAD FILE NUMBER	C6643747A	.DWG			DWG SCALE	1=1	SH	1 of 4	

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