EC	REV		DESCRIPTION	DATE
CPR	Α	NEW RE	LEASE	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]	DRAWN MC CANT/M. ALIM	DATE 11/22/05	Tyco Electronics Corporation Electronics Menlo Park, Ca 94025	
THIRD ANGLE PROJECTION	CHECKED		TITLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] TOLERANCES	APPROVED		CONNECTOR, PIN P12S12 MINI DRAWER	
	APPROVED		PN 6643747-1	
ANGLES ± .5°	D. CHAU	11/22/05	SIZE DWG NUMBER	REV.
DECIMALS	DCA APPROVED		R = 6643747	Α
.XX ± .25 [.010]	M. ALIM	11/22/05		
.X ± .5 [.020]	ACAD FILE NUMBER	C6643747A	DWG SCALE $1=1$ SH 1	1 of 4

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