REVISIONS						
EC	REV	DESCRIPTION	DATE			
CPR	Α	NEW RELEASE	09/27/05			

## 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. ITEMS PROVIDED TO THIS SPECIFICATION ARE TO BE PERMANENTLY IDENTIFIED ON THE PART AND PACKAGE WITH THE FOLLOWING INFORMATION: PART NUMBER AND DATE CODE OF MANUFACTURE.
- 3. MATERIALS:

INSULATOR: VALOX 420-SEO, UL RATED, 94V-O, COLOR- BLACK.

BACKPLANE CONTACTS: BRASS, CDA 36000

CROWN BANDS: BeCu, CDA 17200, HEAT TREATED

HOT PLUG HOODS: BeCu, CDA 17300

MOUNTING HARDWARE: STEEL.

4. FINISHES:

SIZE #12 AND #20 CONTACTS: GOLD PLATED.

SIZE #8 CONTACT: SILVER PLATED.
CROWN BANDS: GOLD PLATED.
HOT PLUG HOODS: GOLD PLATED.
MOUNTING HARDWARE: ZINC PLATED.

5. INSERTION FORCE (MAX) AND WITHDRAWAL FORCE (MIN) IN OUNCES:

SIZE	INSERTION	RETENTION
8	48	12
12	80	16
20	5	1

6. MOUNTING HARDWARE WILL BE PACKAGED SEPARATELY AND SHIPPED LOOSE WITH THE CONNECTOR ASSEMBLY.

REF PN: 1-1428066-0 (WAS 903-0104-02300) SCREW, PAN HEAD, PHILIPS (2 EA) 5018030-1 (WAS 903-37-02300) HEX NUT, 3mm x 2.4 (2 EA)

7. BACKPLANE CONNECTOR REFERENCE ASSEMBLY PART NUMBERS:

TYCO PN: 6643101-1 (RoHS VERSION OF ELCON PN 235-0144-00100B)

SUN MICRO PN: 130-4461-01

8. PIN & SOCKET PCB TAIL CONTACTS INSTALLED.
REFERENCE PART NUMBERS, DESCRIPTION & ARRANGEMENT BELOW.

PART NUMBER	DESCRIPTION	POSITION	QTY	PIN DIA AS APPLIED
1648356-2	SOCKET CONTACT, #12, PCB TAIL	1-3	3	NOT APPLICABLE
1650203-1	PIN CONTACT, #20, PCB TAIL, STD	9-21, 23, 24	15	.041/.039
1650206-1	PIN CONTACT, #20, PCB TAIL, POSTMATE	22 & 25	2	.041/.039
1766218-1	PIN CONTACT, #8, PCB TAIL	26,27,29,30	4	.143/.141

MM OR INCH (MM)	DRAWN	DATE	tyco	Typo Flectron				
<sup>™</sup>	LOVATO/M. ALIM	09/27/05			ronics Corporation BLGON Park, Ca 94025			
THIRD ANGLE PROJECTION	CHECKED		TITLE					
			''''					
UNLESS OTHERWISE				CONNE	CTOD DIN	J		
SPECIFIED DIMENSIONS	APPROVED		CONNECTOR, PIN					
ARE IN INCHES (METRIC)				RACI	KPLANE			
TO 50 11050								
TOLERANCES	APPROVED			PN 66	843101-1			
ANGLES ± .5°	D. CHAU	09/27/05	SIZE DWG NU	JMBER			REV.	
DECIMALS	DCA APPROVED				6643101		A	
.XXX ± .010 (.25)	M. ALIM	09/27/05		<u></u>	0010101			
.XX ± .02 (.3)	ACAD FILE NUMBER	C6643101A.	DWG		DWG SCALE	1=1	sh 1 of 3	

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