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						REVISIONS	5				
	EC	RE	V			DESCRIPTIO	N			DATE	
		A	NEW	RELE	ASE					06/22/05	
											В
CATALOG MODULE ‡	ŧ QTY	SIZE ND.	CONTACT QTY	MATIN	IG PIN	MAX. CURRENT (PER CONTACT)	CONTAC SPACIN	CT VOL IG RA	TAGE TING*		
FP0201	4	- 8	4	1.25	X 7.00	35 AMPERES	7.50 [.29	531 250			
FP0202	1	8	1	E.049	X .276]	35 AMPERES	7.30 L.29	231 230	VULIS		
FP0400	1	22	24	.64 [.0	25] SQ.	3 AMPERES	2.50 E.09	984] 125	VOLTS		
FP0500	1	LEF	T MOUNT	ING F	LANGE			•			
FP0501	1	RIG	HT MOUN	TING F	LANGE	-					
								*IAW	IEC-950		А
M [INCH]	DRAWN R. F. A.			ATE 22/05			lectronics Io Park, C	Corporatio	r EL(eon	
	CHECKED				TITLE	ctronics Men	, •				1
MISE NSIONS INCHES] CES	APPROVE					CONNEC COMPLIA PN	NT TA		ATPAQ		
.5*	APPROVEI D. CHAU	U	08/	01/05	SIZE D	WG NUMBER				REV.	1
25 [010]	DCA APPI	ROVED	0.00 /	02 /0E	R	(\mathbb{C})	ç — 176	66692		A	
25 [.010] 5 [.020]	M. ALIM ACAD FIL	E NUMB		02/05 6692A.	DWG			G SCALE	1=1	sн 1 ог 3	
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CONNE	CTOR	TYCD PART NUMBER	CATALOG MODULE 4	# QTY	SIZE N□.	CONTACT QTY	MATING PIN	MAX, CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING≭	
		-	FP0201	4	8	4	1.25 X 7.00 [.049 X .276]	35 AMPERES	7.50 [.2953]	250 VOLTS	
PI	N	1766692-1	FP0202			1					-
		-	FP0400	_	22	24	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS	-
		-	FP0500 FP0501	1			TING FLANGE	-			-
			11 0501					-		*IAW IEC-950	
			MM [INCH]	DRAWN R. F. A.			22/05 - <u> </u>		lectronics Corp Io Park, Ca 94	oration 3	-Con
			+ +		1			ctronics Men			
				CHECKED			TITLE				
		THIRD ANGLE I UNLESS OTHEI SPECIFIED DIM ARE IN METRIC	RWISE ENSIONS	APPROVE			TITLE		TOR, PIN, NT TAILS,		
		UNLESS OTHE SPECIFIED DIM ARE IN METRIC TOLERAI	RWISE ENSIONS [INCHES] NCES	APPROVE	D			COMPLIA PN		, FLATPA	Q
		UNLESS OTHE SPECIFIED DIM ARE IN METRIC TOLERAI ANGLES ± DECIMALS	RWISE ENSIONS [INCHES] NCES .5*	APPROVE APPROVE D. CHAU DCA APP	D		01/05 SIZE D	COMPLIA PN	NT TAILS, N 176669	, FLATPA 2—1	Q REV.
		UNLESS OTHE SPECIFIED DIM ARE IN METRIC TOLERAN ANGLES ± DECIMALS .XX ±	RWISE ENSIONS [INCHES] NCES	APPROVE APPROVE D. CHAU DCA APP M. ALIM	D D ROVED	08/		COMPLIA PN	NT TAILS, N 176669	, FLATPA 2—1	Q

MM OR MM [INCH]	DRAWN	DATE	ty
	R. F. A.	06/22/05	Elec
THIRD ANGLE PROJECTION	CHECKED		TITLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]	APPROVED		
TOLERANCES	APPROVED		
ANGLES ± .5*	D. CHAU	08/01/05	SIZE C
DECIMALS	DCA APPROVED		
.XX ± .25 [.010]	M. ALIM	08/02/05	$ \Box $
.X ± .5 [.020]	ACAD FILE NUMBER	C1766692A	.DWG

$ \Box $	IF2:	UNLESS	DTHERWISE	SPECIFIED.
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1. PART NUMBER CHANGES AND DR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIDR ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

2. MATERIALS:

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INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR-BLACK. UL94∨-0 FLAMMABILITY RATED.

COMPLIANT SIGNAL PIN: PHOSPHOR BRONZE ALLOY.

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. THK, DVER NICKEL PER QQ-N-290, CLASS 2, .000040" MIN. THICKNESS.

TERMINALS: TIN PLATED, MATTE FINISH .000040" MIN. THICKNESS.

4 SIGNAL MODULE ARE ALL PREMATE PINS.

MOUNTING FLANGES ACCEPT M3 DR ND. 4 SCREWS, (USER SUPPLIED)

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



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3		3.5 [0.138]	- 14.0 [0.551] - 14.0 [0.551]
	SECTION A-A	0.319]	
	4X 7.50 [0.295]	65]	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
*		RCUIT LAYOUT	MM OR MM [INCH] DRAWN DATE INCH INCH INCH R. F. A. 06/22/05 Elect THIRD ANGLE PROJECTION CHECKED TITLE UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES] APPROVED TITLE TOLERANCES APPROVED D. CHAU 08/01/05
		7	DECIMALS DCA APPROVED .XX ± .25 [.010] .X ± .5 [.020] ACAD FILE NUMBER C1766692A.DWG

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SOLDER TERMINATION AREA

RECOMMENDED PRINTED CIRCUIT HOLE FINISHED HOLE: Ø1.02 [.040] ±.08 [.003] DRILLED HOLE: Ø1.15 [.0453] ±.013 [.0005] COPPER PLATE: .025 [.0010] MINIMUM (PER SURFACE) TIN PLATE: .008 [.0003] MINIMUM (PER SURFACE)



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COMPLIANT PIN DETAIL INSERTION/EXTRACTION FORCES

> [30 LBS] MINIMUM PUSH-DUT: 44.4N PER PIN [10 LBS]

MAXIMUM PUSH-IN: 133.3N PER PIN



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DATE

06/22/05

08/01/05 SIZE

TITLE

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REVISIONS		
DESCRIPTION		DATE
		B
TLE USER COMPLIANT AND	ctronics Corporation Park, Ca 94025 INFORMATION TAIL TERMINA PCB MOUNT = 1766692	
J S	DWG SCALE 1=	
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