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REVISIONS			
EC	REV	DESCRIPTION	DATE
—	A	NEW RELEASE	08/29/05
—	A1	UPDATED REFERENCE TYCO PART NUMBERS	09/20/05

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 SHALL BE PERMANENTLY IDENTIFIED WITH THE FOLLOWING INFORMATION: MFG. IDENTIFICATION, PART NUMBER AND DATE CODE OF MANUFACTURE.
3. MOUNTING FLANGES BUSHING ACCEPT 6/32 SCREW (ø.156 CLEARANCE HOLE, FLOAT MOUNT) OR 8/32 SCREW (ø.173 CLEARANCE HOLE, FIXED MOUNT), USER SUPPLIED.
4. FINISH:
SIZE #12 CRIMP CONTACT – SILVER PLATED
5. A MODULE CRIMP CONTACTS ARE PACKAGED SEPARATELY WITH THE CONNECTOR ASSEMBLY AND SHIPPED AS A KIT.
6. PIN CONNECTOR ASSEMBLY INCLUDES END CAPS, LOCKING RAILS, SCREWS, HEX NUTS AND WASHERS.

PART NUMBER	DESCRIPTION	QTY
6648251–1	END CAP, FLOAT MOUNT GUIDE PIN	2
1650469–1	LOCKING RAIL, EXTRUDED (TOP & BOTTOM RAILS)	2
1766846–1	SCREW, PAN HEAD, #2–64 x .625 LONG	2
1–5021068–7	NUT, HEX, MACHINE SCREW	2
1766850–1	WASHER, FLAT	2
5021074–1	WASHER, SPRING LOCK	2

7. REFERENCE PIN MODULE/CONTACT TABLE

MODULE	MOD QTY	PART NUMBER	DESCRIPTION	CONTACT SIZE	CONTACT QTY
A	1	1648461–1	PIN HOUSING, A MODULE	NONE	NONE
		1766193–1	PIN CONTACT, CRIMP, STD (.43)	12	2
		1766195–1	PIN CONTACT, CRIMP, PREMATE (.46)	12	1

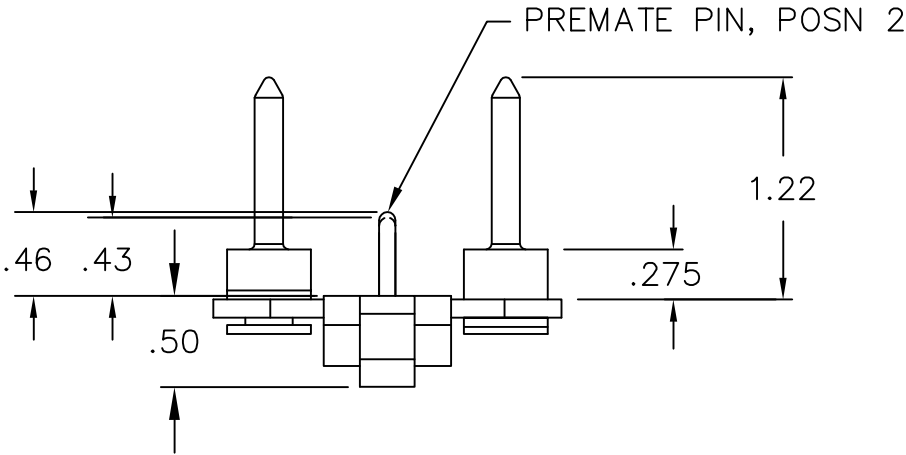
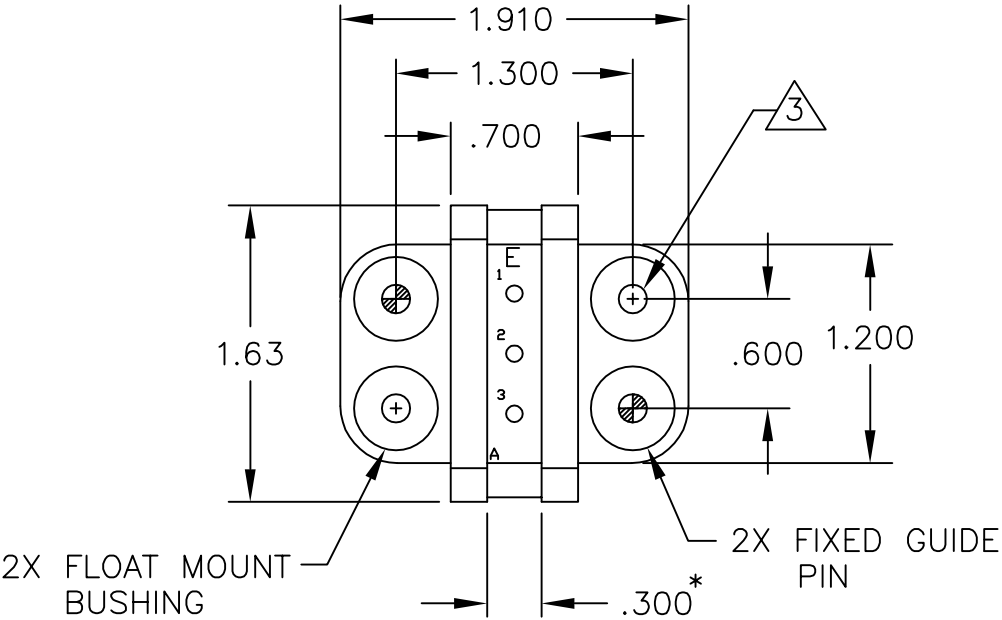
8. MATES WITH SOCKET CONNECTOR PN 6646086–1 (CUSTOMER DRAWING C–6646086).

9. REFERENCE TYCO PART NUMBER 6646085–1.

INCH MM OR INCH (MM) THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES ± .5° DECIMALS .XXX ± .010 (.25) .XX ± .02 (.3)	DRAWN	DATE	Tyco Electronics Corporation Menlo Park, Ca 94025		
	M. ALIM	08/29/05			
	CHECKED		TITLE CONNECTOR, PIN, DOMINO NOTES PN 6646085–1		
	APPROVED				
	APPROVED				
D. CHAU	09/20/05	SIZE	DWG NUMBER	REV.	
DCA APPROVED	09/23/05	B	C= 6646085	A1	
M. ALIM		ACAD FILE NUMBER C6646085A1.DWG		DWG SCALE 1=1	SH 1 OF 3

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

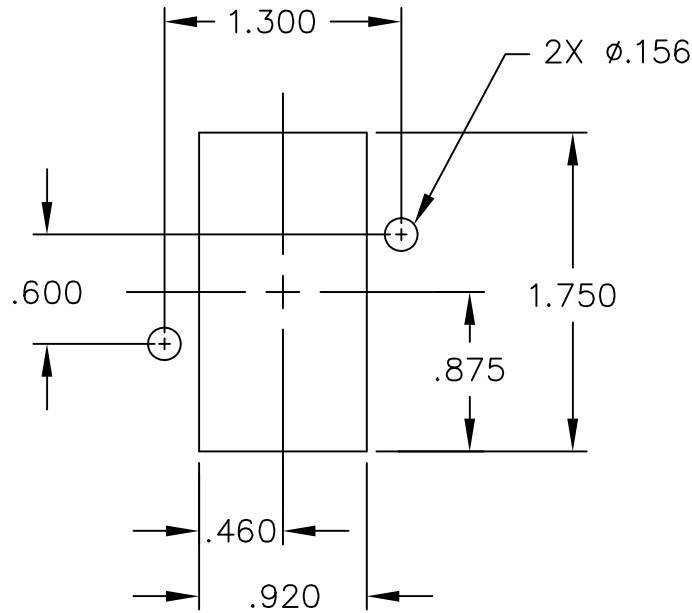


* ACTUAL RAIL LENGTH SHALL BE .400

INCH MM OR INCH (MM) THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES ± .5° DECIMALS .XXX ± .010 (.25) .XX ± .02 (.3)	DRAWN M. ALIM	DATE 08/29/05	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE CONNECTOR, PIN, DOMINO PIN CONFIGURATION PN 6646085-1		
	APPROVED				
	APPROVED				
	D. CHAU	09/20/05	SIZE B	DWG NUMBER C= 6646085	REV. A1
M. ALIM	09/23/05	ACAD FILE NUMBER C6646085A1.DWG			
			DWG SCALE 1=1	SH 2 OF 3	

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		SEE SHEET 1	



PIN PANEL MOUNT CUTOUT

INCH MM OR INCH (MM) THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES ± .5° DECIMALS .XXX ± .010 (.25) .XX ± .02 (.3)	DRAWN M. ALIM	DATE 08/29/05	tyco Tyco Electronics Corporation Menlo Park, Ca 94025 ELCON		
	CHECKED		TITLE CONNECTOR, PIN, DOMINO PANEL MOUNT CUTOUT PN 6646085-1		
	APPROVED				
	APPROVED D. CHAU	09/20/05			
	DCA APPROVED M. ALIM	09/23/05	SIZE B	DWG NUMBER C= 6646085	REV. A1
ACAD FILE NUMBER C6646085A1.DWG			DWG SCALE 1=1	SH 3 OF 3	

Mouser Electronics

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[TE Connectivity:](#)

[6646085-1](#)