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## REVISIONS

EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE, PREVIOUSLY CUD 499-014	03/25/06

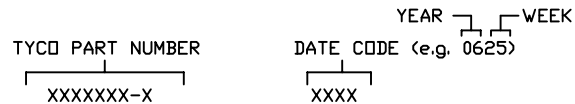
TYPICAL SPECIFICATION TABLE

POSITION	CONTACT SIZE	RATING	NOM INSERTION FORCE	NOM EXTRACTION FORCE
39 - 40	#4	125A/250 VOLTS	3.8lbs/1.72Kg	3.0lbs/1.36Kg
7 - 38	#20	5A/250 VOLTS	.2Lbs/.09Kg	.1Lbs/.05Kg
1 - 6	#12	35A/250 VOLTS	2.9lbs/1.32Kg	1.9lbs/.86Kg

8. REFERENCE ELCON PART NUMBER 241-27-01100.

7. SEE DRAWING C-1648156 FOR MATING SOCKET CONNECTOR.

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



5. ALL DIMENSIONS SHOWN ACROSS A CENTERLINE ( $\phi$ ) SHALL BE CENTRALIZED WITHIN THE TOLERANCE INDICATED FOR THAT DIMENSION.

4. A REFERENCE DIMENSION (XXX) IS WITHOUT TOLERANCE AND USED FOR INFORMATION PURPOSE ONLY.

3. RECOMMENDED MOUNTING HARDWARE: TO BE ORDERED SEPARATELY.

- FOR PANEL MOUNTING, USE

1650402-1: SHOULDER SCREW, #8-32

1650106-1: SHOULDER SCREW, #6-32

1650589-1: SHOULDER SCREW, M4X0.7

- FOR PCB MOUNTING, USE COMMERCIALLY AVAILABLE SCREW AND WASHER (IF REQUIRED).

2. MATERIALS:

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

RETENTION CLIP: COPPER ALLOY OR STAINLESS STEEL

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




NOTES: UNLESS OTHERWISE SPECIFIED

1648151-1

AS SHOWN

PART NUMBER

DESCRIPTION

 THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES ± .5° DECIMALS .XXX ± .010 (.25) .XX ± .02 (.3)	DRAWN HA NGUYEN	DATE 03/25/06	 Tyco Electronics Corporation Menlo Park, Ca 94025 	
	CHECKED			TITLE CONNECTOR, PIN HOUSING 2X#4, 32X#20, 6X#12, FLOAT MOUNT 125A MIDDLE DRAWER
	APPROVED			SIZE DWG NUMBER B C = 1648151
	APPROVED STEVE FLICKINGER	03/25/06		REV. A
	DCA APPROVED HA NGUYEN	03/25/06		
	ACAD FILE NUMBER	C1648151A.DWG	DWG SCALE 1=1 SH 1 OF 3	

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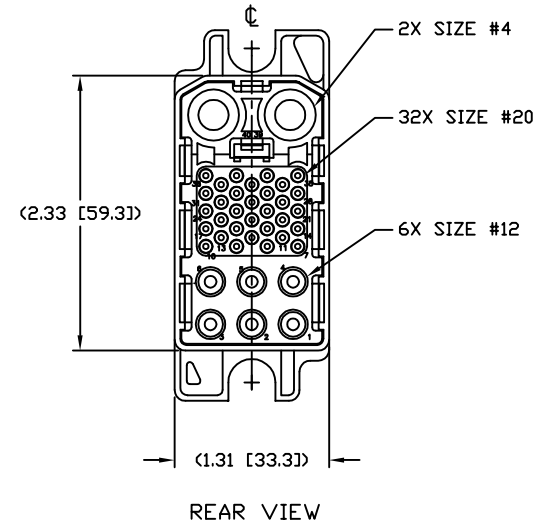
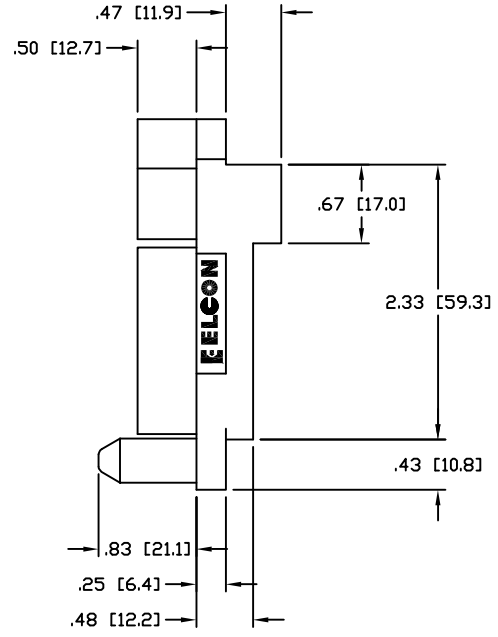
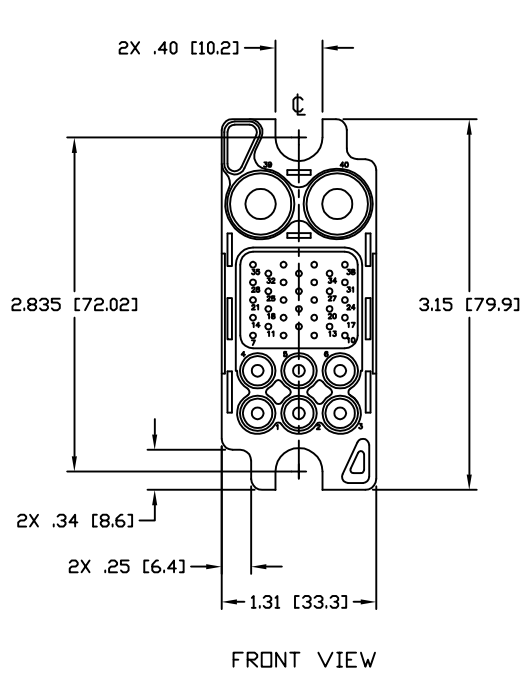
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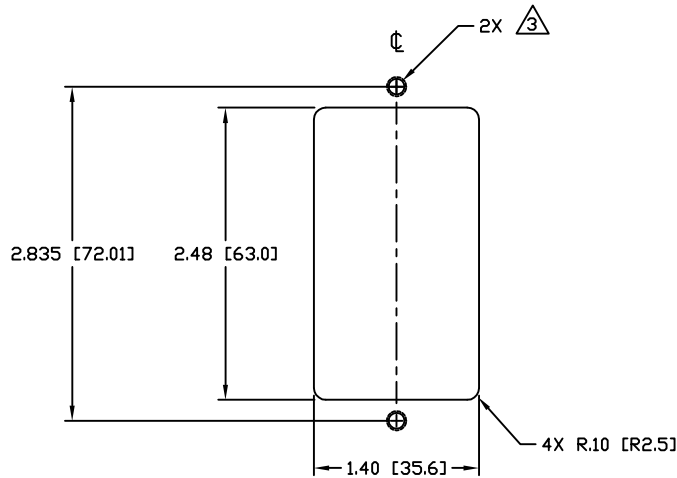
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



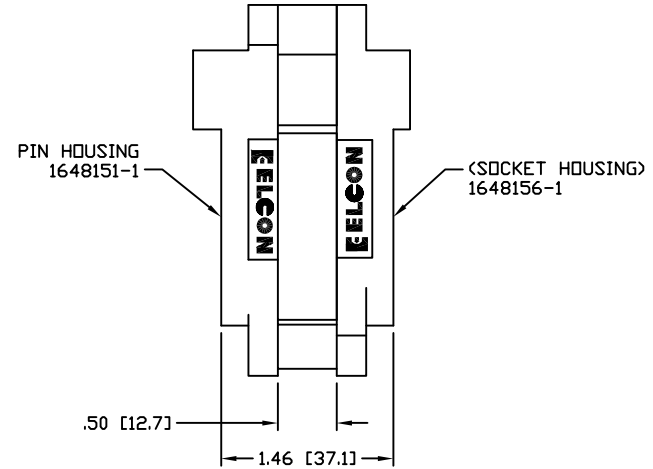
INCH OR INCH (MM)  THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES ± .5° DECIMALS .XXX ± .010 (.25) .XX ± .02 (.3)	DRAWN	DATE	Tyco Electronics Corporation Menlo Park, Ca 94025
	HA NGUYEN	03/25/06	
	CHECKED		TITLE
	APPROVED		CONNECTOR, PIN HOUSING 2X#4, 32X#20, 6X#12, FLOAT MOUNT 125A MIDDLE DRAWER
	APPROVED		SIZE DWG NUMBER
	STEVE FLICKINGER	03/25/06	B C = 1648151
	DCA APPROVED		REV.
	HA NGUYEN	03/25/06	A
	ACAD FILE NUMBER	C1648151A.DWG	DWG SCALE 1=1 SH 2 OF 3

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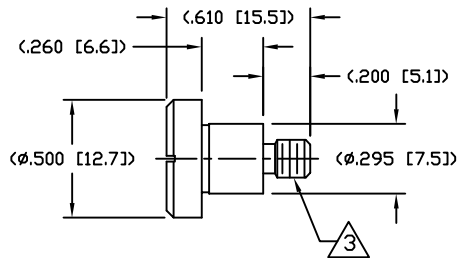
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



RECOMMENDED PANEL CUTOUT  
AS VIEWED FROM CONNECTOR MOUNTING SIDE  
(FRONT VIEW)



MATED CONDITION



SHOULDER SCREW  
SCALE 2:1  
SHOWN FOR REFERENCE ONLY

INCH OR INCH (MM)  THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS .XXX $\pm .010 (.25)$ .XX $\pm .02 (.3)$	DRAWN HA NGUYEN	DATE 03/25/06	Tyco Electronics Corporation Menlo Park, Ca 94025	
	CHECKED		TITLE	
	APPROVED		USER INFORMATION RECOMMENDED PANEL CUTOUT AND MATED CONDITION	
	APPROVED STEVE FLICKINGER	03/25/06	SIZE B	DWG NUMBER C = 1648151
	DCA APPROVED HA NGUYEN	03/25/06		
	ACAD FILE NUMBER C1648151A.DWG			DWG SCALE 1=1 SH 3 OF 3