

4 | 3 | 2 | 1

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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	03/07/06

TYPICAL SPECIFICATION TABLE			
POSITION	CONTACT SIZE	RATING	VOLTAGE RATING
1 - 3	#12	35 AMPERES	250 VOLTS
4 - 19	#20	5 AMPERES	250 VOLTS
20 - 22	#12	35 AMPERES	250 VOLTS

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

YEAR    WEEK     
 TYCO PART NUMBER DATE CODE (e.g. 0625)  
 XXXXXXX-X XXXX

5. ALL DIMENSIONS SHOWN ACROSS A CENTERLINE (⊥) 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 COMMERCIALY 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 ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

NOTES: UNLESS OTHERWISE SPECIFIED

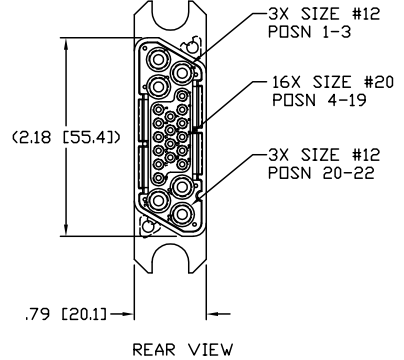
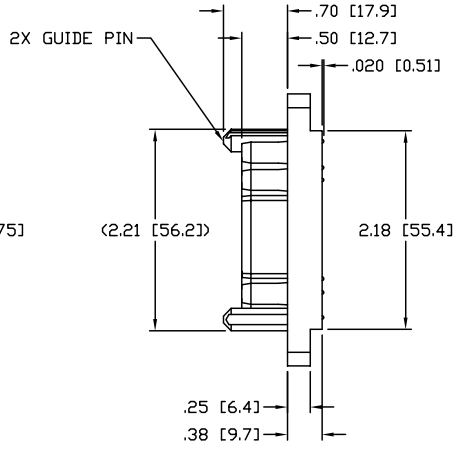
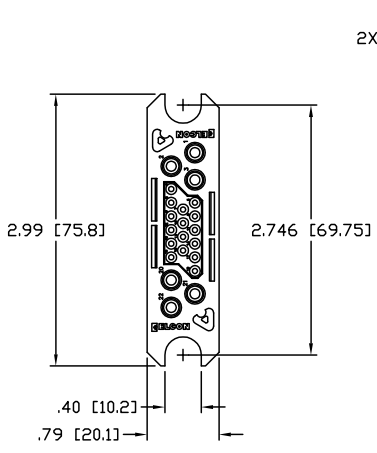
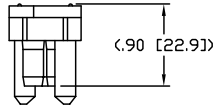
1648115-1	AS SHOWN
PART NUMBER	DESCRIPTION

 THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)	DRAWN HA NGUYEN	DATE 03/07/06	 Tyco Electronics Corporation Menlo Park, Ca 94025 
	CHECKED		
TOLERANCES	APPROVED STEVE FLICKINGER	03/07/06	SIZE DWG NUMBER B C- 1648115
ANGLES ± .5°	DCA APPROVED HA NGUYEN	03/07/06	REV. A
DECIMALS .XXX ± .010 (.25) .XX ± .02 (.3)	ACAD FILE NUMBER C1648115A.DWG		DWG SCALE 1=1 SH 1 OF 3

4 | 3 | 2 | 1

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

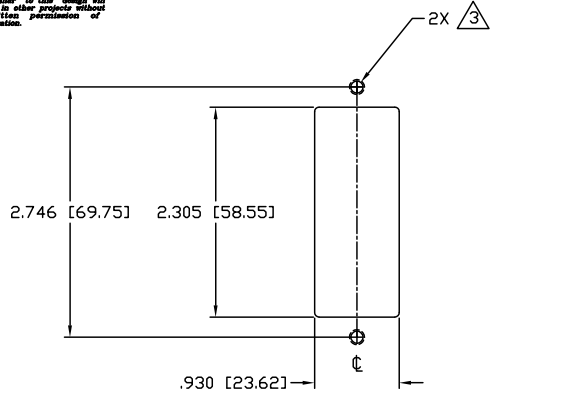


INCH OR INCH (MM)  THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES ± .5° DECIMALS .XXX ± .010 (.25) .XX ± .02 (.3)	DRAWN HA NGUYEN	DATE 03/07/06	Tyco Electronics Corporation Menlo Park, Ca 94025 
	CHECKED		TITLE CONNECTOR, SOCKET HOUSING #12, #20, #12 CONFIGURATION MINI DRAWER
	APPROVED STEVE FLICKINGER	03/07/06	SIZE DWG NUMBER B C-1648115
	APPROVED DCA APPROVED HA NGUYEN	03/07/06	REV. A
	ACAD FILE NUMBER C1648115A.DWG		DWG SCALE 1=1 SH 2 OF 3

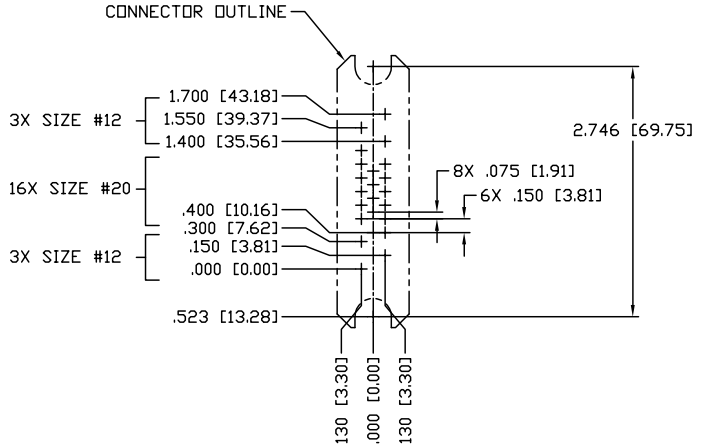
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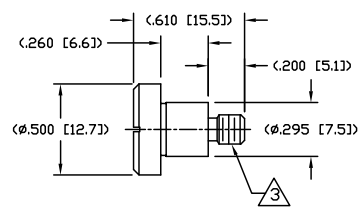
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



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



CONNECTOR OUTLINE  
CONTACT LAYOUT  
AS VIEWED FROM CONNECTOR MOUNTING SIDE  
(FRONT VIEW)



SHOULDER SCREW  
SCALE 2:1  
SHOWN FOR REFERENCE ONLY

<small>INCH OR INCH (MM)</small>  <small>THIRD ANGLE PROJECTION</small>	<small>DRAWN</small> HA NGUYEN <small>CHECKED</small> 	<small>DATE</small> 03/07/06	Tyco Electronics Corporation Menlo Park, Ca 94025 
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)</small>	<small>APPROVED</small> 		<small>TITLE</small> <b>USER INFORMATION RECOMMENDED PANEL CUTOUT AND CONTACT LAYOUT</b>
<small>TOLERANCES</small> ANGLES $\pm .5^\circ$ <small>DECIMALS</small> .XXX $\pm .010 (.25)$ .XX $\pm .02 (.3)$	<small>APPROVED</small> STEVE FLICKINGER DCA APPROVED HA NGUYEN <small>ACAD FILE NUMBER</small> C1648115A.DWG	<small>DATE</small> 03/07/06 <small>DATE</small> 03/07/06	<small>SIZE</small> B <small>DWG NUMBER</small> C- 1648115 <small>REV.</small> A
<small>DWG SCALE</small> 1=1			<small>SH</small> 3 OF 3

4 3 2 1

B

B

A

A

4 3 2 1