

This drawing involves proprietary design rights of Tyco Electronics Corporation, and all design, manufacture, reproduction, use and sale rights regarding the same are expressly reserved. It is submitted for a specific purpose and the recipient by accepting this drawing, assumes custody and control and agrees to take reasonable precautions: (a) that this drawing will not be copied and reproduced, in whole or in part, or its contents revealed in any manner, or to any person except to meet the purpose for which it was delivered and (b) that any special features peculiar to this design will not be incorporated in other projects without the expressed written permission of Tyco Electronics Corporation.

REVISIONS

EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	03/09/06

TYPICAL SPECIFICATION TABLE

POSITION	CONTACT SIZE	RATING	VOLTAGE RATING
1 - 3	#16	15 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 (C) 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

1648117-1

AS SHOWN

PART NUMBER

DESCRIPTION

tyco
ElectronicsTyco Electronics Corporation
Menlo Park, Ca 94025**ELCON**

TITLE

CONNECTOR, SOCKET HOUSING
#16, #20, #12 CONFIGURATION
MINI DRAWER

SIZE

DWG NUMBER

B

C = 1648117

REV.

A

DRAWN

HA NGUYEN

DATE

03/09/06

CHECKED

APPROVED

APPROVED

STEVE FLICKINGER

03/09/06

DCA APPROVED

HA NGUYEN

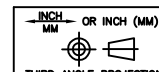
03/09/06

ACAD FILE NUMBER

C1648117A.DWG

DWG SCALE 1=1

SH 1 OF 3



THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)

TOLERANCES

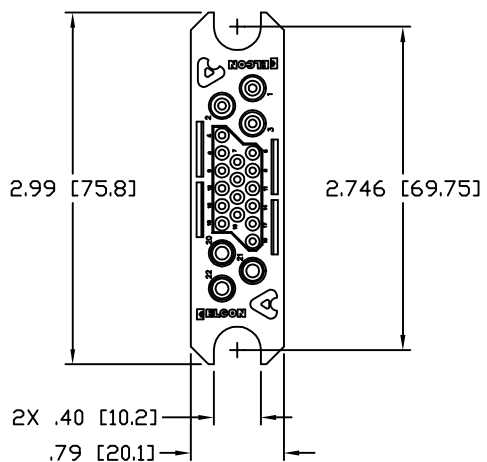
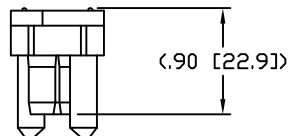
ANGLES ± .5°

DECIMALS

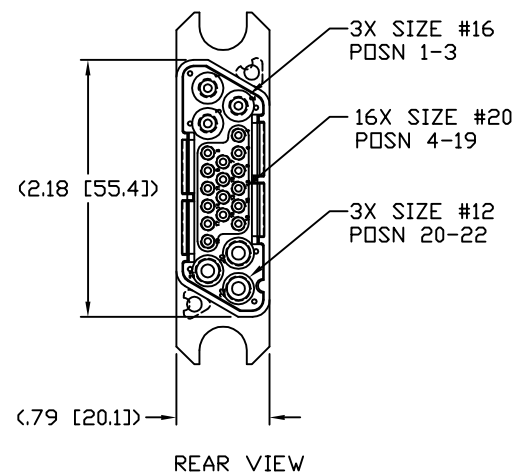
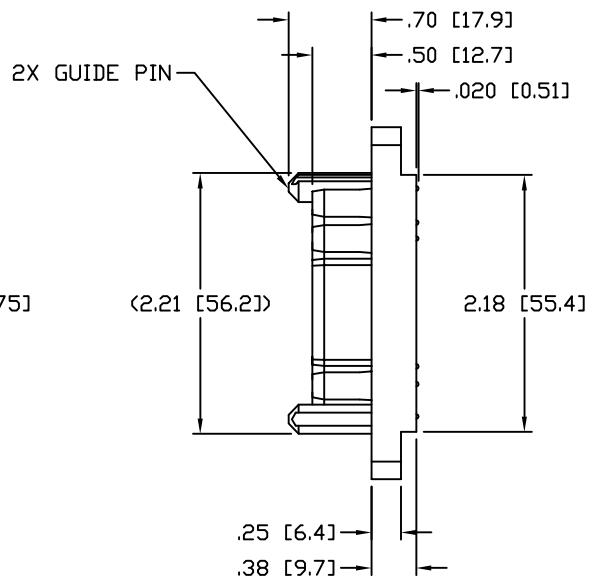
.XXX ± .010 (.25)

.XX ± .02 (.3)

This drawing involves proprietary design rights of Tyco Electronics Corporation, and all design, manufacture, reproduction, use and sale rights regarding the same are expressly reserved. It is submitted for a specific purpose and the recipient by accepting this drawing, assumes custody and control and agrees to take reasonable precautions; (a) that this drawing will not be copied and reproduced, in whole or in part, or its contents revealed in any manner, or to any person except to meet the purpose for which it was delivered and (b) that any special features peculiar to this design will not be incorporated in other projects without the expressed written permission of Tyco Electronics Corporation.



FRONT VIEW



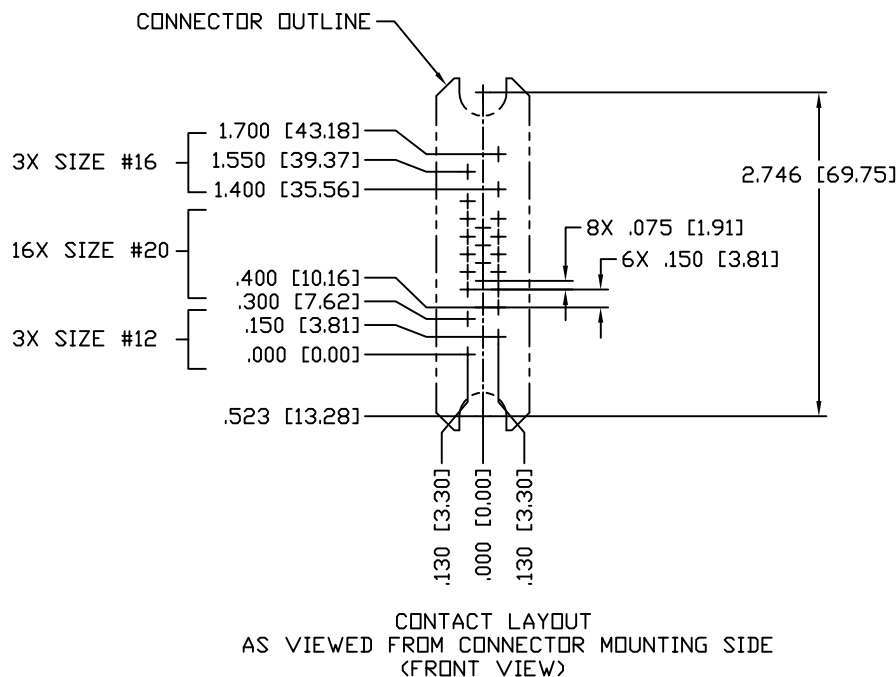
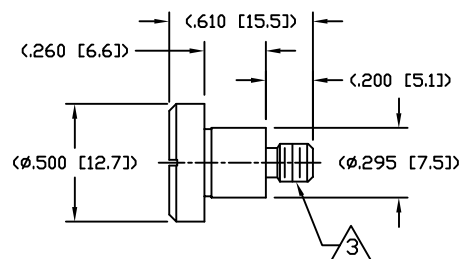
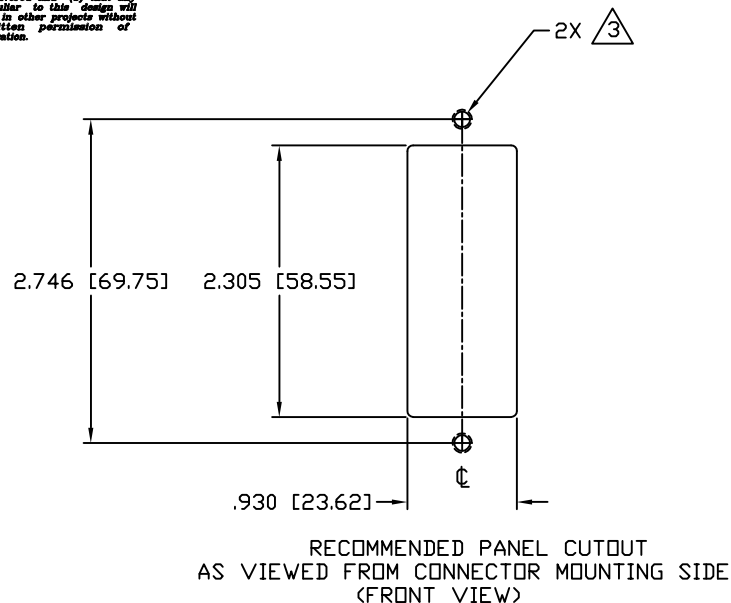
REAR VIEW

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	03/09/06	tyco Tyco Electronics Corporation ELCON Menlo Park, Ca 94025 TITLE CONNECTOR, SOCKET HOUSING #16, #20, #12 CONFIGURATION MINI DRAWER		
	CHECKED						
	APPROVED						
	APPROVED	STEVE FLICKINGER	03/09/06				
	DCA APPROVED	HA NGUYEN	03/09/06		SIZE	DWG NUMBER	REV.
					B	C = 1648117	A
	ACAD FILE NUMBER	C1648117A.DWG			DWG SCALE	1=1	SH 2 OF 3

This drawing involves proprietary design rights of Tyco Electronics Corporation, and all design, manufacture, reproduction, use and sale rights regarding the same are expressly reserved. It is submitted for a specific purpose and the recipient by accepting this drawing, assumes custody and control and agrees to take reasonable precautions: (a) that this drawing will not be copied and reproduced, in whole or in part, or its contents revealed in any manner, or to any person except to meet the purpose for which it was delivered and (b) that any special features peculiar to this design will not be incorporated in other projects without the expressed written permission of Tyco Electronics Corporation.

REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



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 03/09/06	tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025 ELCON	
	CHECKED		TITLE	
	APPROVED		USER INFORMATION	
	APPROVED STEVE FLICKINGER	03/09/06	RECOMMENDED PANEL CUTOUT AND CONTACT LAYOUT	
	DCA APPROVED HA NGUYEN	03/09/06	SIZE B	DWG NUMBER C = 1648117
	ACAD FILE NUMBER C1648117A.DWG		DWG SCALE 1=1	REV. A
				SH 3 OF 3

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1648117-1](#)