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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	03/04/06

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:

TYCO PART NUMBER XXXXXXX-X

DATE CODE (e.g. 0625) XXXX (YEAR, WEEK)

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 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 ELCON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

NOTES: UNLESS OTHERWISE SPECIFIED

1648110-1	AS SHOWN
PART NUMBER	DESCRIPTION

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	HA NGUYEN	03/04/06
CHECKED		
APPROVED		
APPROVED	STEVE FLICKINGER	03/04/06
DCA APPROVED	HA NGUYEN	03/04/06
ACAD FILE NUMBER	C1648110A.DWG	

Tyco Electronics Corporation
Menlo Park, Ca 94025

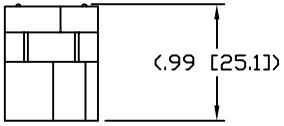
TITLE
CONNECTOR, PIN HOUSING
#12, #20, #12 CONFIGURATION
MINI DRAWER

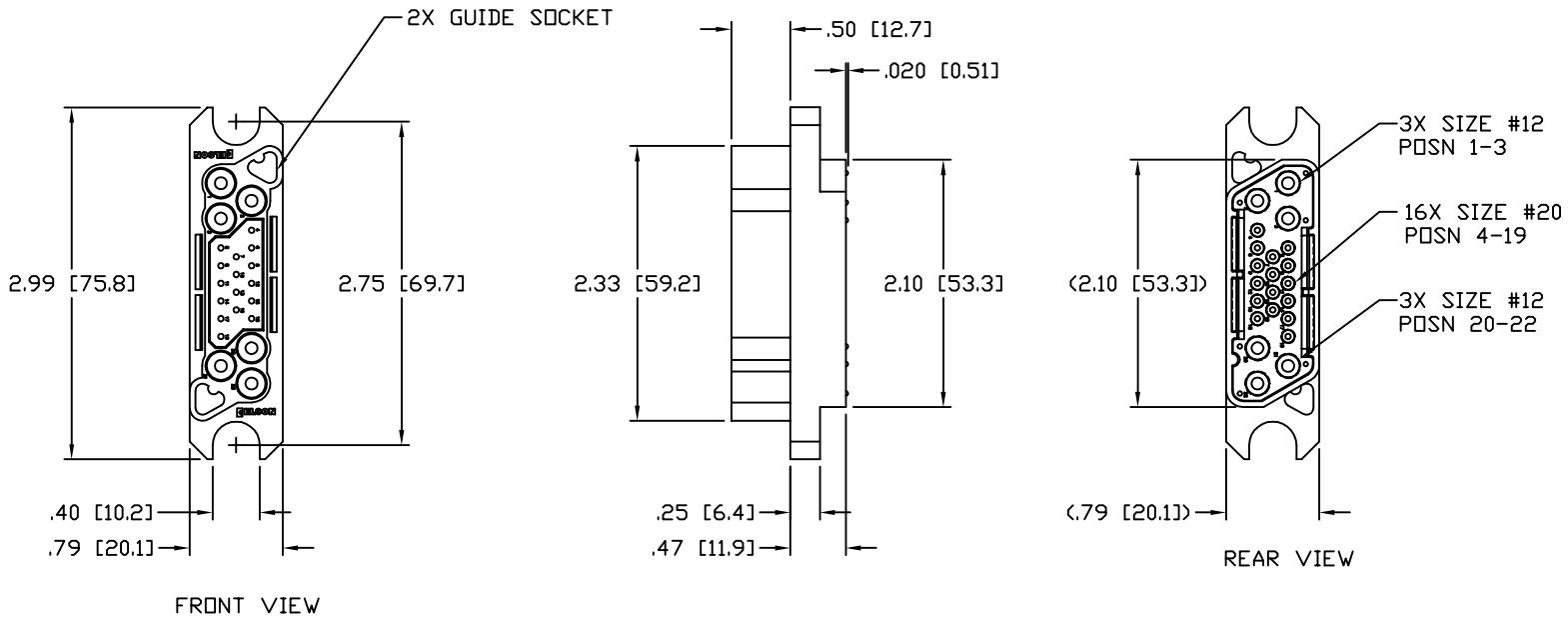
SIZE B | DWG NUMBER C- 1648110 | REV. A

DWG SCALE 1=1 | SH 1 OF 3

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

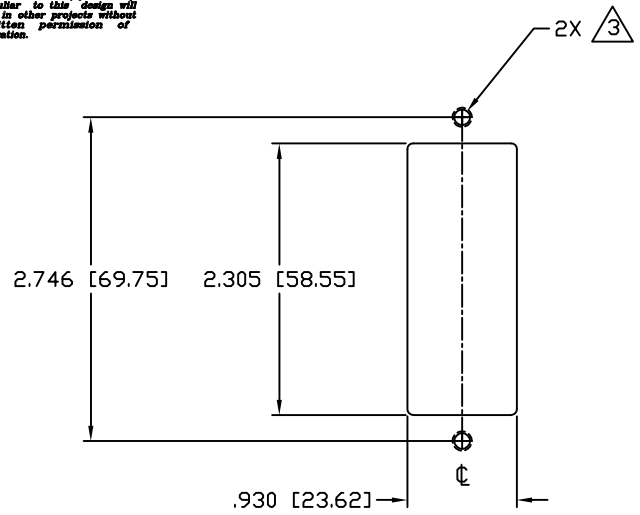




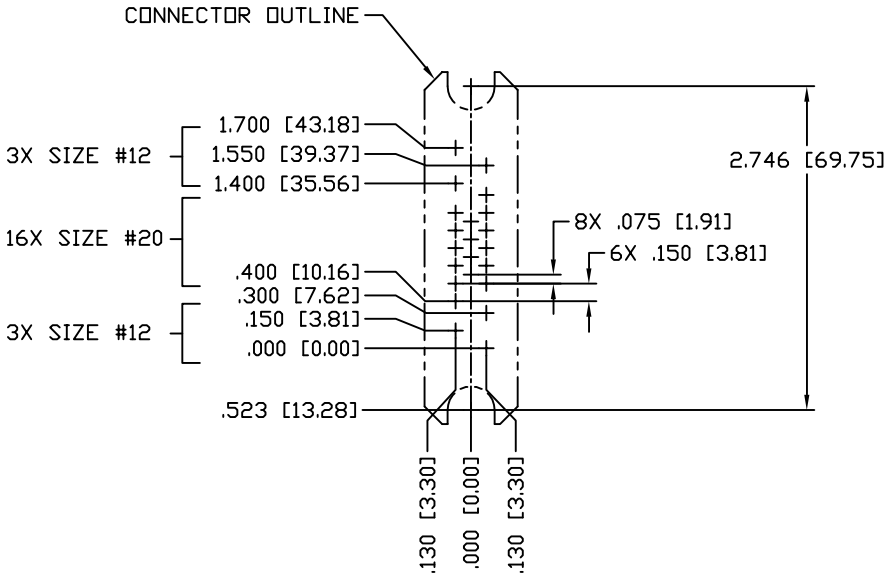
INCH / MM OR INCH (MM) — THIRD ANGLE PROJECTION	DRAWN HA NGUYEN	DATE 03/04/06	Tyco Electronics Corporation, Menlo Park, Ca 94025 — ELCON
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)	CHECKED		TITLE: CONNECTOR, PIN HOUSING #12, #20, #12 CONFIGURATION MINI DRAWER
TOLERANCES: ANGLES ± .5°	APPROVED		
DECIMALS: .XXX ± .010 (.25); .XX ± .02 (.3)	APPROVED STEVE FLICKINGER	03/04/06	SIZE B — DWG NUMBER C- 1648110 — REV. A
	DCA APPROVED HA NGUYEN	03/04/06	
	ACAD FILE NUMBER C1648110A.DWG		DWG SCALE 1=1 — SH 2 OF 3

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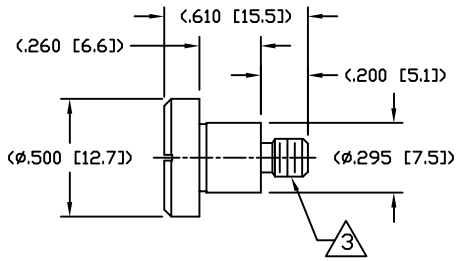
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



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



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



SHOULDER SCREW
SCALE 2:1
SHOWN FOR REFERENCE ONLY

INCH / MM OR INCH (MM) — THIRD ANGLE PROJECTION	DRAWN	DATE	Tyco Electronics / Tyco Electronics Corporation, Menlo Park, Ca 94025 — ELCON
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)	HA NGUYEN	03/04/06	
TOLERANCES	CHECKED		TITLE: USER INFORMATION RECOMMENDED PANEL CUTOUT AND CONTACT LAYOUT
ANGLES ± .5°	APPROVED		
DECIMALS	APPROVED		
.XXX ± .010 (.25)	STEVE FLICKINGER	03/04/06	SIZE: B — DWG NUMBER: C- 1648110 — REV: A
.XX ± .02 (.3)	DCA APPROVED HA NGUYEN	03/04/06	
	ACAD FILE NUMBER: C1648110A.DWG		DWG SCALE 1=1 — SH 3 OF 3