

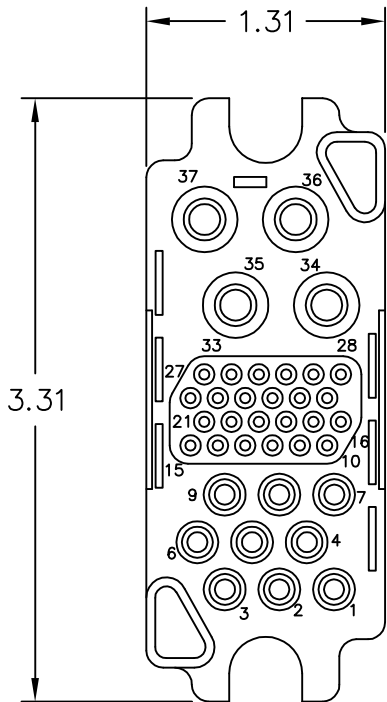
B

A

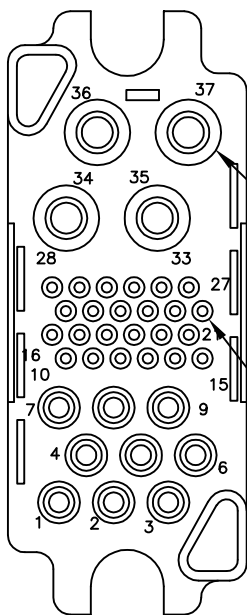
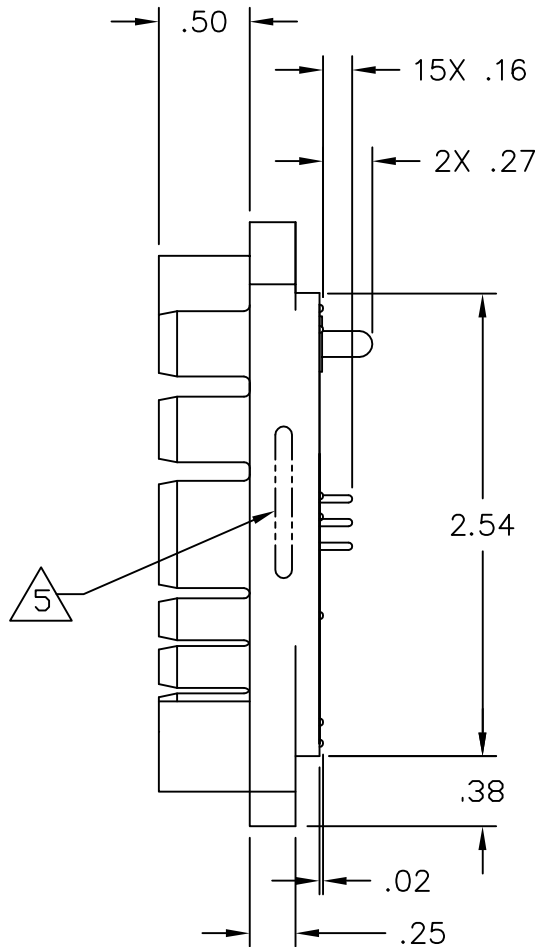
DWG SCALE	1 = 1	SH 1 OF 3
-----------	-------	-----------

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	



FRONT VIEW



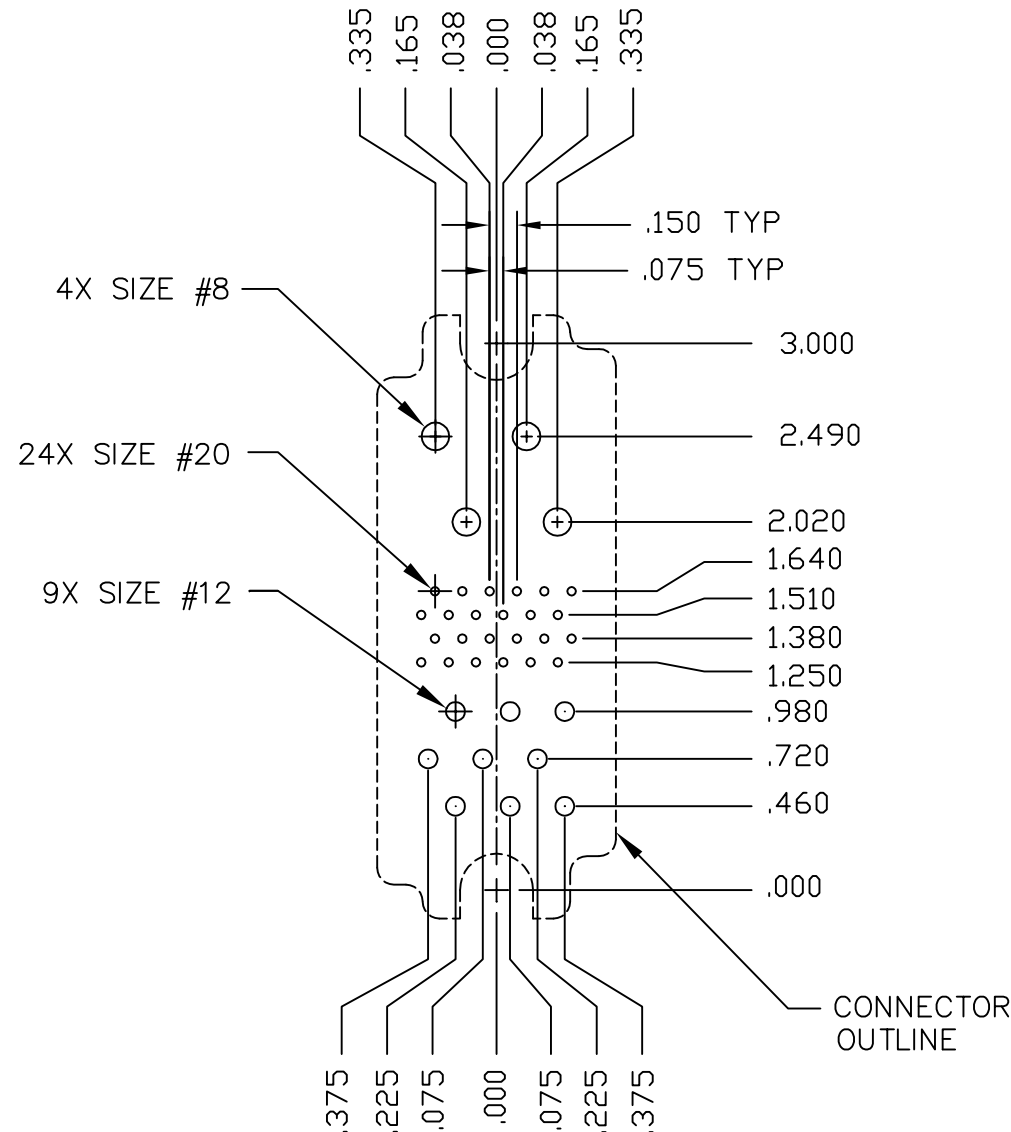
REAR VIEW
(SOCKET CONTACT INSERTION SIDE)

2X SOCKET CONTACT, SIZE #8
PCB TAIL, POSN 36 & 37
PN 6648400-1

15X SOCKET CONTACT, SIZE #20
PCB TAIL, POSN 16-21 & 24-32
PN 1648382-1

<div>INCH MM</div> <div>OR INCH (MM)</div> <div>THIRD ANGLE PROJECTION</div> <div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)</div> <div>TOLERANCES</div> <div>ANGLES ± .5°</div> <div>DECIMALS</div> <div>.XXX ± .010 (.25)</div> <div>.XX ± .02 (.3)</div>	DRAWN M. ALIM	DATE 12/14/05	<div>tyco Electronics</div> <div>Tyco Electronics Corporation Menlo Park, Ca 94025</div> <div>ELCON</div>	
	CHECKED		TITLE	
	APPROVED		CONNECTOR, SOCKET 75 Amp MIDDLE DRAWER PN 6643296-1	
	APPROVED D. CHAU	12/14/05	SIZE B	DWG NUMBER C= 6643296
	DCA APPROVED M. ALIM	12/14/05		REV. A
	ACAD FILE NUMBER	C6643296A.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.



SUGGESTED PCB LAYOUT
(VIEWED FROM CONNECTOR MOUNTING SIDE)

REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

1. RECOMMENDED PRINTED CIRCUIT BOARD HOLE SIZE #8
FINISHED HOLE: $\phi.147 \pm .003$
SUGGESTED PCB PAD SIZE: $\phi.400$ FOR #8 PRESS FIT
DUE TO DIAMETER OF #8 SOCKET CONTACT BASE
2. RECOMMENDED PRINTED CIRCUIT BOARD HOLE SIZE #20
FINISHED HOLE: $\phi.040 \pm .003$
DRILLED HOLE: $\phi.0453 \pm .0005$
COPPER PLATE: .0010 MINIMUM (PER SURFACE)
TIN PLATE: .0003 MINIMUM (PER SURFACE)

<div>INCH MM</div> <div>OR INCH (MM)</div> <div>THIRD ANGLE PROJECTION</div> <div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)</div> <div>TOLERANCES</div> <div>ANGLES $\pm .5^\circ$</div> <div>DECIMALS</div> <div>.XXX $\pm .010$ (.25)</div> <div>.XX $\pm .02$ (.3)</div>	DRAWN M. ALIM	DATE 12/14/05	<div>tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025</div> <div>ELCON</div>		
	CHECKED				
	APPROVED		TITLE PCB LAYOUT AND RECOMMENDED HOLE SIZE PN 6643296-1		
	APPROVED				
	D. CHAU	12/14/05	SIZE B	DWG NUMBER C= 6643296	REV. A
	M. ALIM	12/14/05			
ACAD FILE NUMBER		C6643296A.DWG		DWG SCALE	1=1
				SH	3 OF 3

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[6643296-1](#)