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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	12/14/05

2

B

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

 4 ALL PCB TAIL CONTACTS INSTALLED IN THE CONNECTOR ASSEMBLY.

3. FINISHES:

SIZE #8 CONTACT: SILVER PLATED.

SIZE #20 CONTACT: GOLD PLATED.

CROWN BAND: GOLD PLATED

2. MATERIALS:

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

CONTACT: BRASS ROD ALLOY

CROWN BAND: BERYLLIUM COPPER

RETENTION CLIP: BERYLLIUM COPPER 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

⚠ TABLE – SOCKET CONNECTOR PN 6643296-1			
NUMBER	DESCRIPTION	POSITION	QTY
168-2	HOUSING, SOCKET, FIXED MOUNT	N/A	1
3400-1	CONTACT, SOCKET, SIZE #8, PCB TAIL, SILVER PLD	36 & 37	2
382-1	CONTACT, SOCKET, SIZE #20, PCB TAIL, GOLD PLD	16-21, 24-32	15

4 TABLE - SOCKET CONNECTOR PN 6643296-1

PART NUMBER	DESCRIPTION	POSITION	QTY
1648168-2	HOUSING, SOCKET, FIXED MOUNT	N/A	1
6648400-1	CONTACT, SOCKET, SIZE #8, PCB TAIL, SILVER PLD	36 & 37	2
1648382-1	CONTACT, SOCKET, SIZE #20, PCB TAIL, GOLD PLD	16-21, 24-32	15

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

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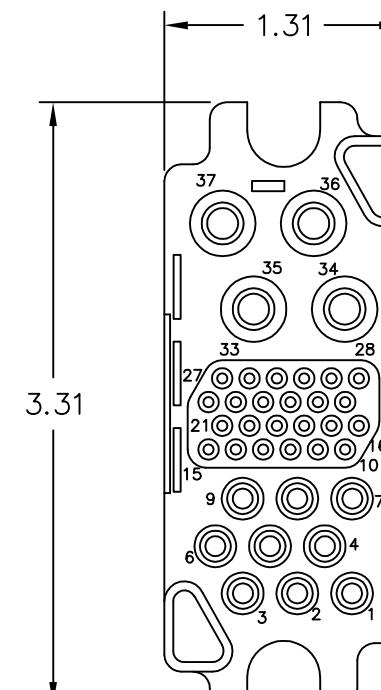
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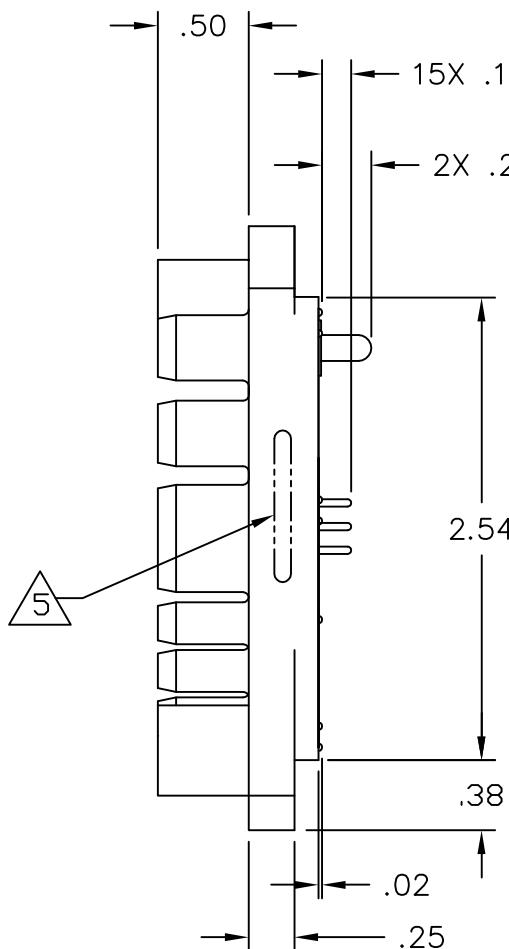
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REVISIONS

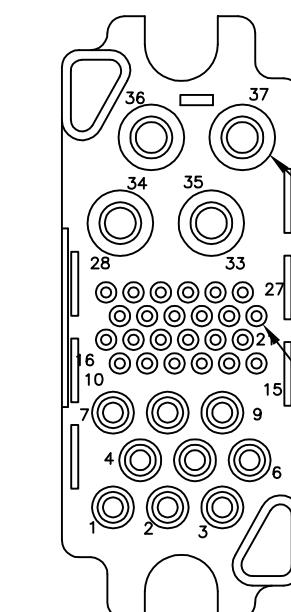
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



FRONT VIEW



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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

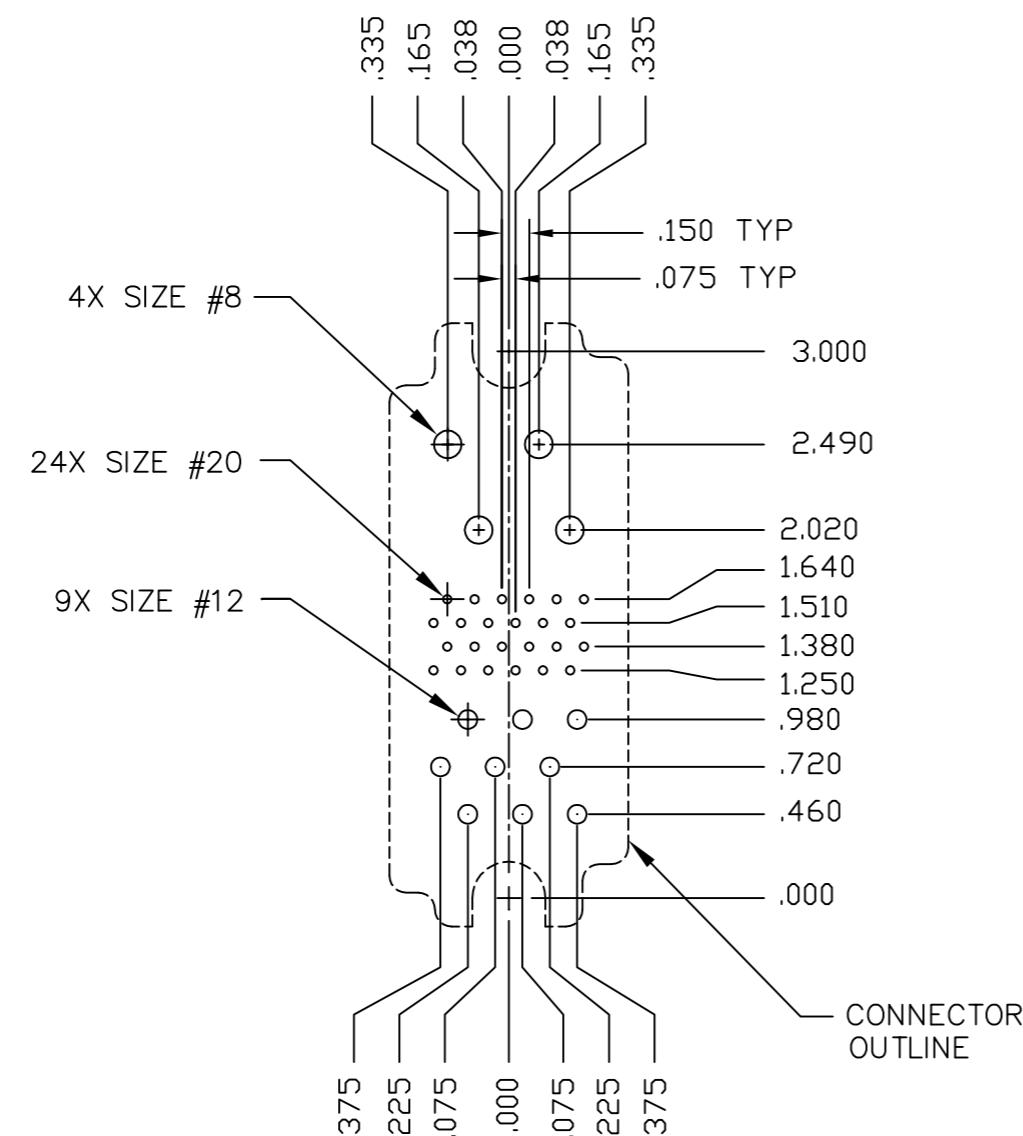
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 THIRD ANGLE PROJECTION	DRAWN	DATE	 Tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)	APPROVED		TITLE CONNECTOR, SOCKET 75 Amp MIDDLE DRAWER PN 6643296-1
	APPROVED		
TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS $.XXX \pm .010 (.25)$ $.XX \pm .02 (.3)$	D. CHAU	12/14/05	SIZE B DWG NUMBER C-6643296 REV. A
	DCA APPROVED		
	M. ALIM	12/14/05	
	ACAD FILE NUMBER	C6643296A.DWG	DWG SCALE 1=1 SH 2 OF 3

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		SEE SHEET 1	



SUGGESTED PCB LAYOUT
(VIEWED FROM CONNECTOR MOUNTING SIDE)

 THIRD ANGLE PROJECTION	DRAWN	DATE	tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025		
	M. ALIM	12/14/05			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS $.XXX \pm .010 (.25)$ $.XX \pm .02 (.3)$	CHECKED		TITLE PCB LAYOUT AND RECOMMENDED HOLE SIZE PN 6643296-1		
	APPROVED				
	APPROVED				
	D. CHAU	12/14/05			
	DCA APPROVED		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

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[TE Connectivity:](#)

[6643296-1](#)