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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	11/08/05

B

1

6. THIS CONNECTOR MATE WITH PIN CONNECTOR 6643106-1

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

TYCO PART NUMBER DATE CODE (e.g. 0525) YEAR WEEK  
[XXXXXXXX-X] [XXXX] [ ] [ ] [ ]

**4** SOCKET CRIMP CONTACTS AND SHOULDER SCREWS SHALL BE PACKAGED AND PLACED IN THE BOX WITH THE CONNECTOR ASSEMBLY. THIS CONNECTOR ASSEMBLY SHALL BE PACKAGED AS A KIT.

### 3. FINISHES:

CONTACTS: SILVER PLATED PER ASTM B 700  
OVER NICKEL PER QQ-N-290.

## 2. MATERIALS:

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

#### SOCKET CONTACTS: LEAD COPPER

## CROWN BANDS: BERYLLIUM COPPER

## RETENTION CLIPS: BERYLLIUM COPPER OR STAINLESS STEEL

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR ELC&ON APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

#### NOTES: UNLESS OTHERWISE SPECIFIED

TABLE FOR SOCKET CONNECTOR PN 6643107-1			
PART NUMBER	DESCRIPTION	POSITION	QTY
1648128-2	CONNECTOR, SOCKET	N/A	1
6648318-1	CONTACT, SOCKET, SIZE #12, CRIMP	1 - 8	8
1650575-1	SHOULDER SCREW, #8-32	N/A	2

A

A

 <b>THIRD ANGLE PROJECTION</b> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)	<b>DRAWN</b> HA NGUYEN	<b>DATE</b> 11/08/05	 Tyco Electronics Corporation Menlo Park, Ca 94025		
	<b>CHECKED</b>				
<b>TOLERANCES</b> ANGLES $\pm .5^\circ$	<b>APPROVED</b>		<b>TITLE</b>  CONNECTOR, SOCKET HV8P DRAWER PN 6643107-1		
	<b>APPROVED</b>				
<b>DECIMALS</b> .XXX $\pm .010$ (.25)	D. CHAU	11/08/05	<b>SIZE</b> <b>B</b>	<b>DWG NUMBER</b> <b>C- 6643107</b>	<b>REV.</b> <b>A</b>
	DCA APPROVED				
.XX $\pm .02$ (.3)	M. ALIM	11/08/05			
	<b>ACAD FILE NUMBER</b>	C6643107A.DWG		<b>DWG SCALE</b>	1=1
					SH 1 OF 3

4

3

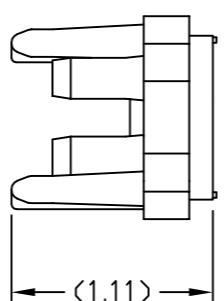
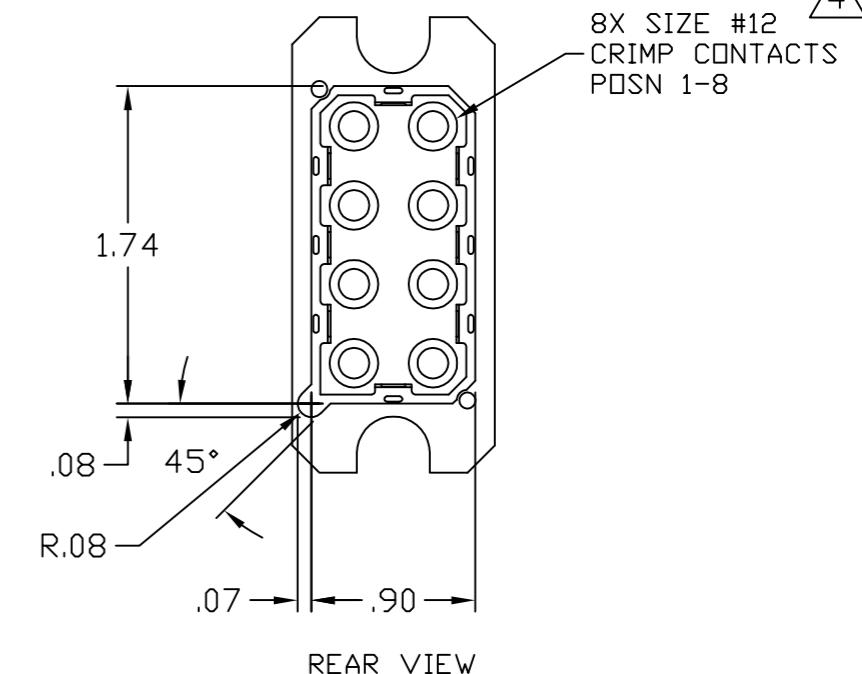
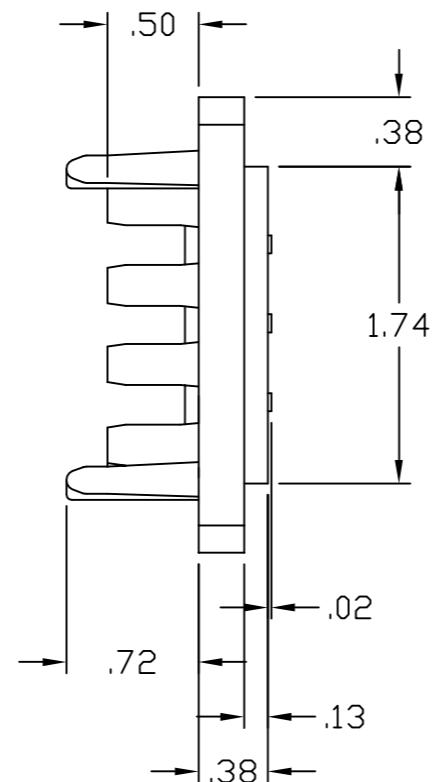
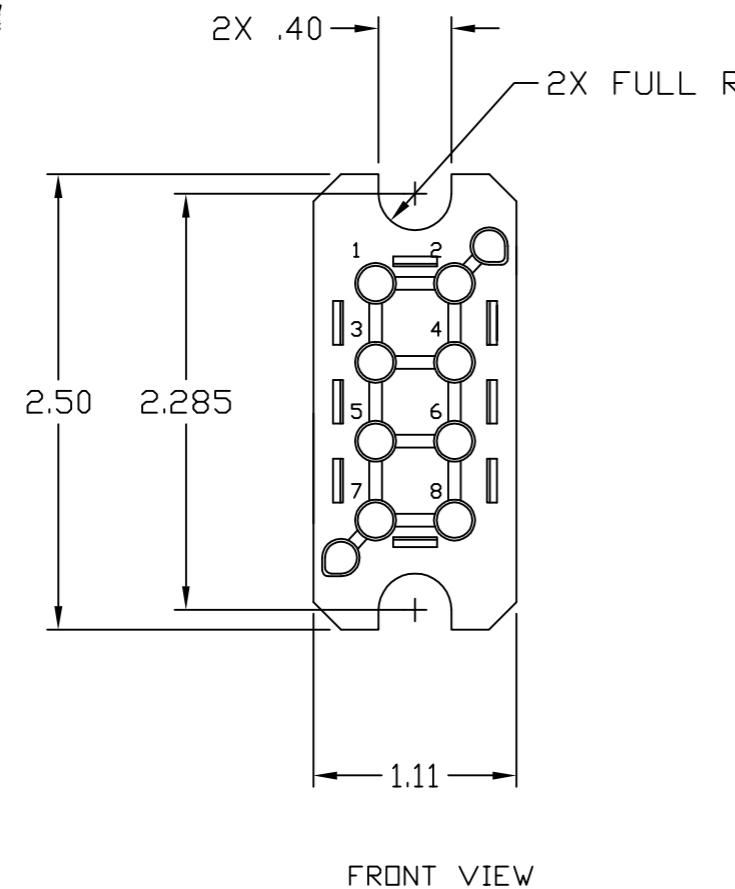
4

1

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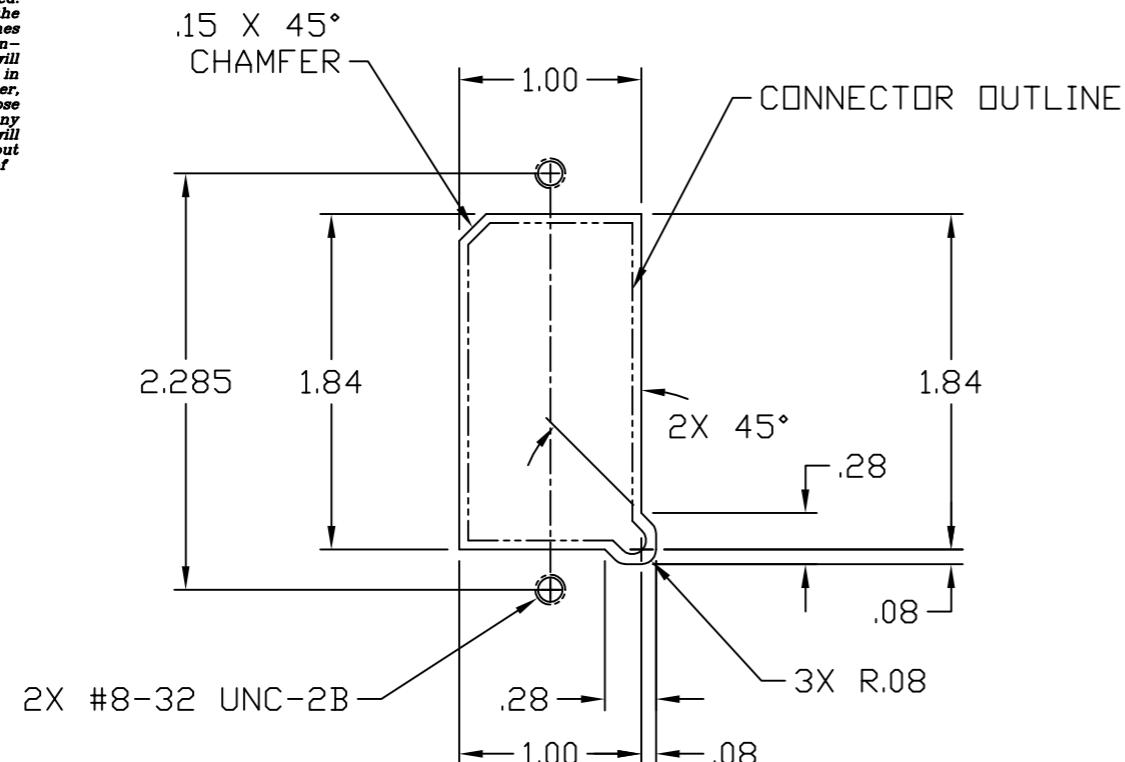
## REVISIONS

EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	

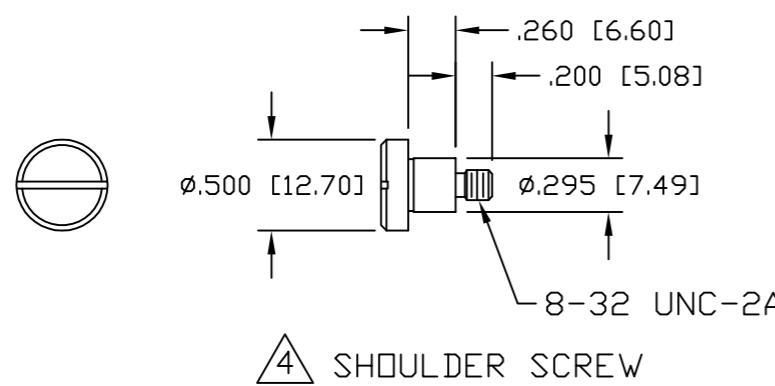


 <b>THIRD ANGLE PROJECTION</b>	DRAWN	DATE	
	CHECKED		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)	APPROVED		TITLE
TOLERANCES	APPROVED		CONNECTOR, SOCKET
ANGLES $\pm .5^\circ$	D. CHAU	11/08/05	HV8P DRAWER
DECIMALS	DCA APPROVED		PN 6643107-1
.XXX $\pm .010 (.25)$	M. ALIM	11/08/05	
.XX $\pm .02 (.3)$	ACAD FILE NUMBER	C6643107A.DWG	SIZE DWG NUMBER
			C- 6643107
			REV. A
			DWG SCALE 1=1 SH 2 OF 3

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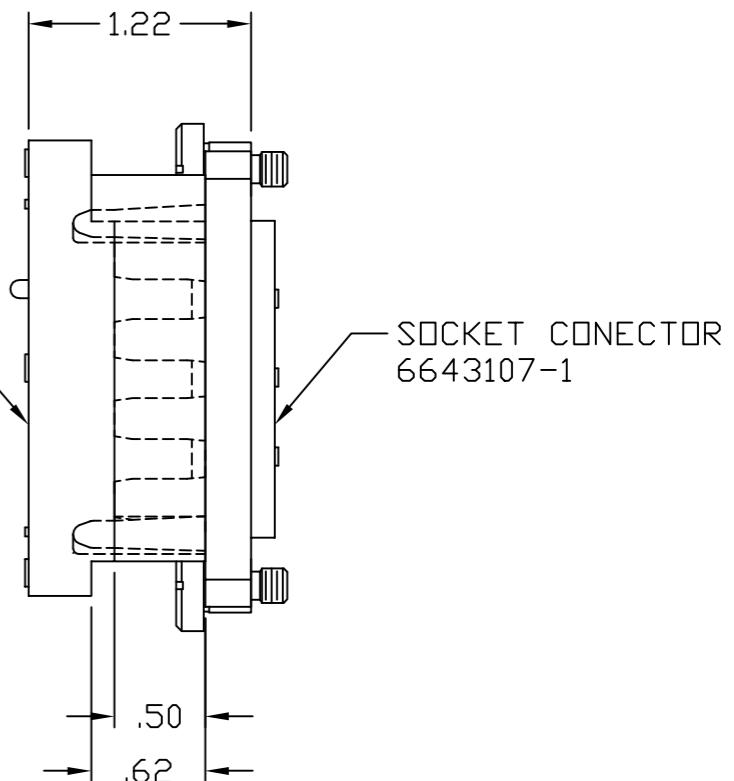


SUGGESTED PANEL CUTOUT  
VIEWED FROM CONNECTOR MOUNTING SIDE



#### 4 SHOULDER SCREW

 <b>INCH</b> <b>MM</b> <b>OR INCH (MM)</b>   <b>THIRD ANGLE PROJECTION</b>	<b>DRAWN</b> HA NGUYEN <b>DATE</b> 11/08/05	<b>CHECKED</b>  <b>APPROVED</b>  <b>APPROVED</b> D. CHAU      11/08/05	<b>APPROVED</b> DCA APPROVED M. ALIM      11/08/05	<b>TITLE</b>  <b>USER INFORMATION</b> <b>RECOMMENDED PANEL CUTOUT</b> <b>AND MATED CONDITION</b>
<b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)</b>  <b>TOLERANCES</b>  <b>ANGLES <math>\pm .5^\circ</math></b>  <b>DECIMALS</b>  .XXX $\pm .010$ (.25) .XX $\pm .02$ (.3)	<b>SIZE</b> <b>B</b>	<b>DWG NUMBER</b> <b>C- 6643107</b>		<b>REV.</b> <b>A</b>
	<b>ACAD FILE NUMBER</b> <b>C6643107A.DWG</b>	<b>DWG SCALE</b> <b>1=1</b>	<b>SH</b> <b>3</b> <b>OF</b> <b>3</b>	



## MATED CONDITION

# Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[6643107-1](#)