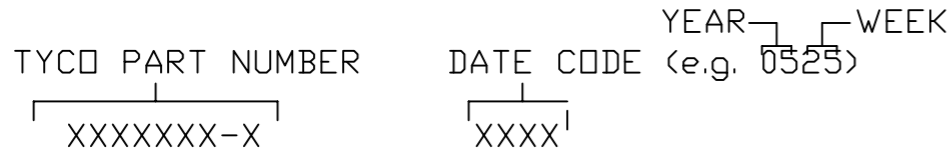


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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	11/08/05

6. THIS CONNECTOR MATE WITH PIN CONNECTOR 6643106-1.
5. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



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.

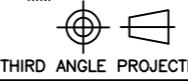


CROWN BANDS: BERYLLIUM COPPER.

RETENTION CLIPS: BERYLLIUM COPPER OR STAINLESS STEEL.

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

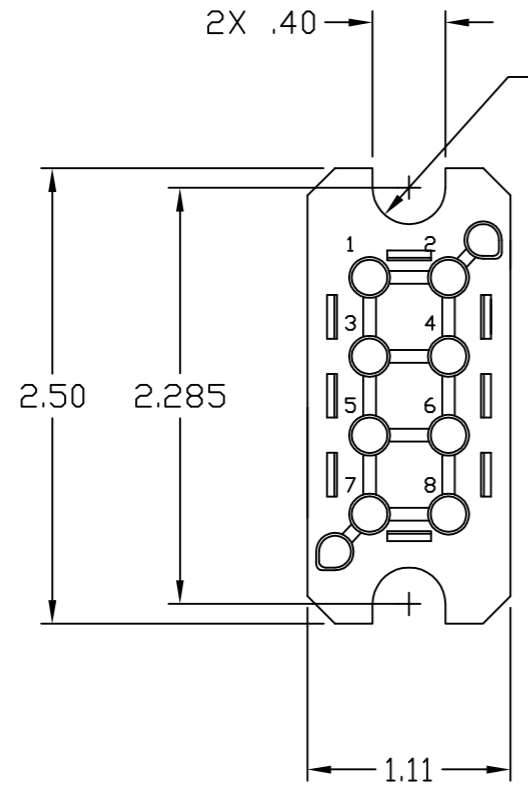
NOTES: UNLESS OTHERWISE SPECIFIED

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

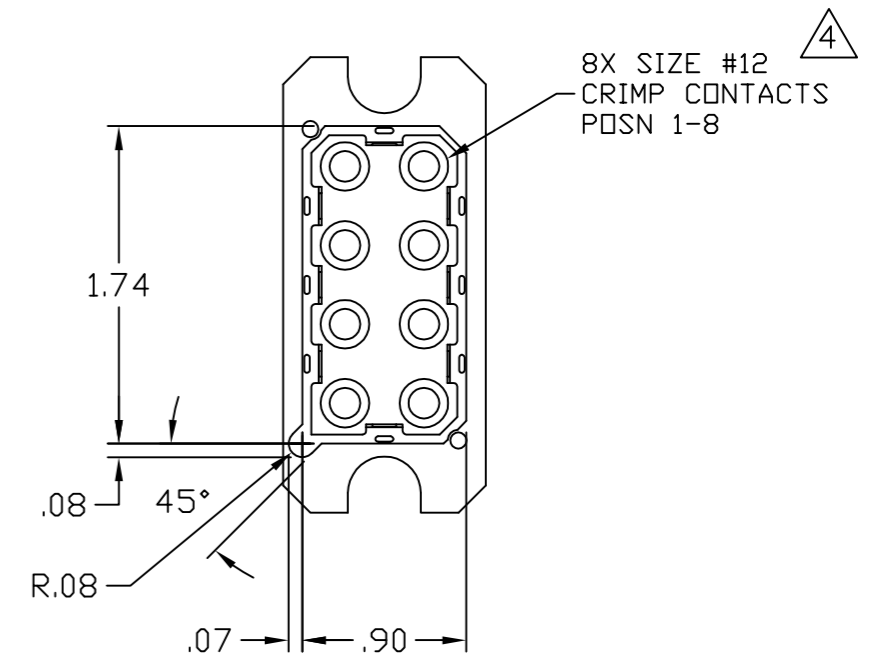
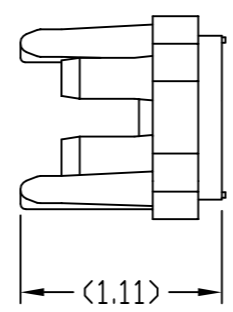
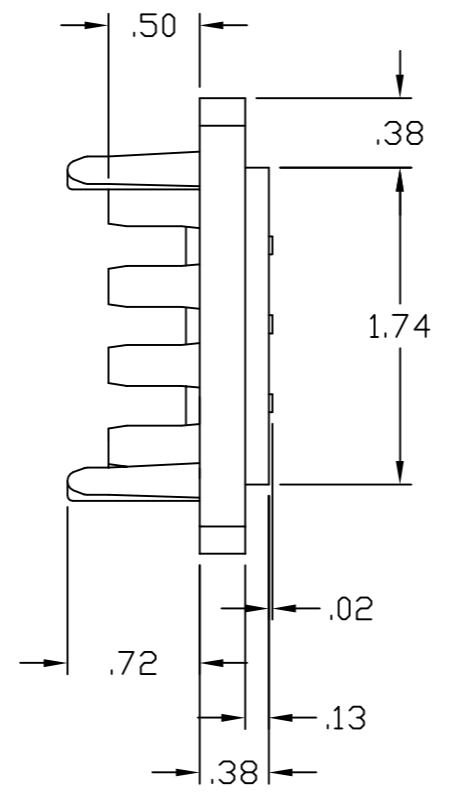
 <small>THIRD ANGLE PROJECTION</small>	<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)</small> <small>TOLERANCES</small> ANGLES ± .5° <small>DECIMALS</small> .XXX ± .010 (.25) .XX ± .02 (.3)	<small>INCH OR INCH (MM)</small> <small>MM</small>	DRAWN HA NGUYEN CHECKED APPROVED APPROVED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

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EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



FRONT VIEW

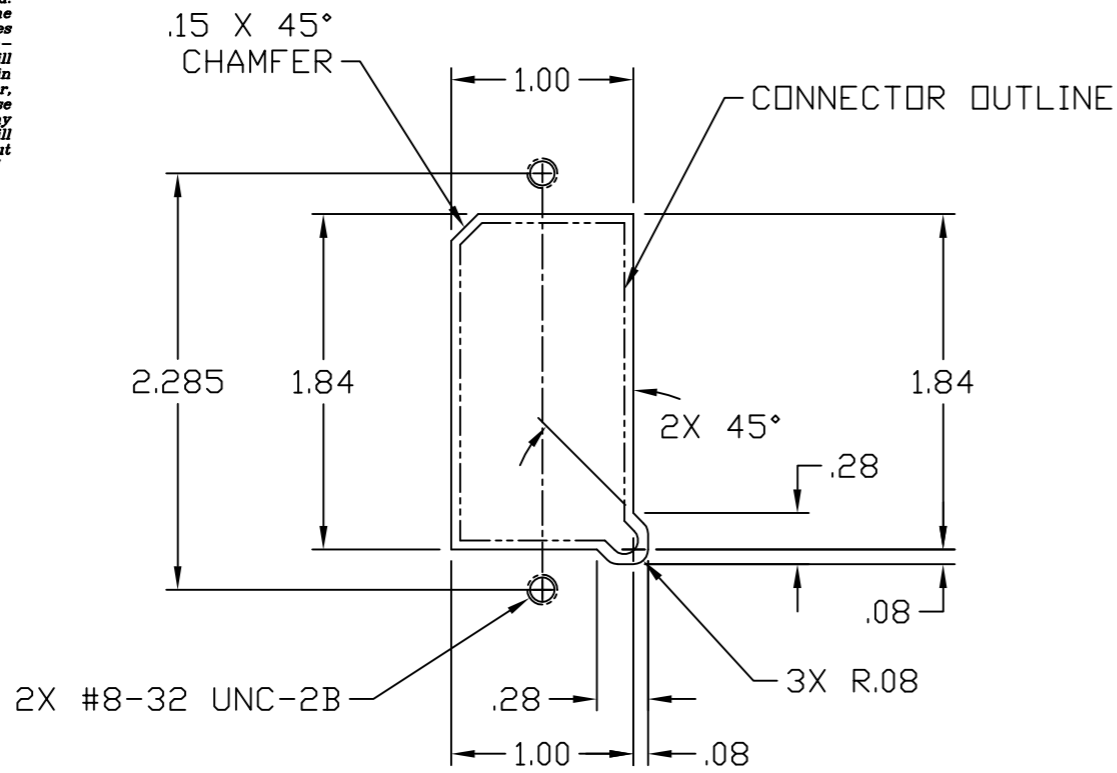


REAR VIEW

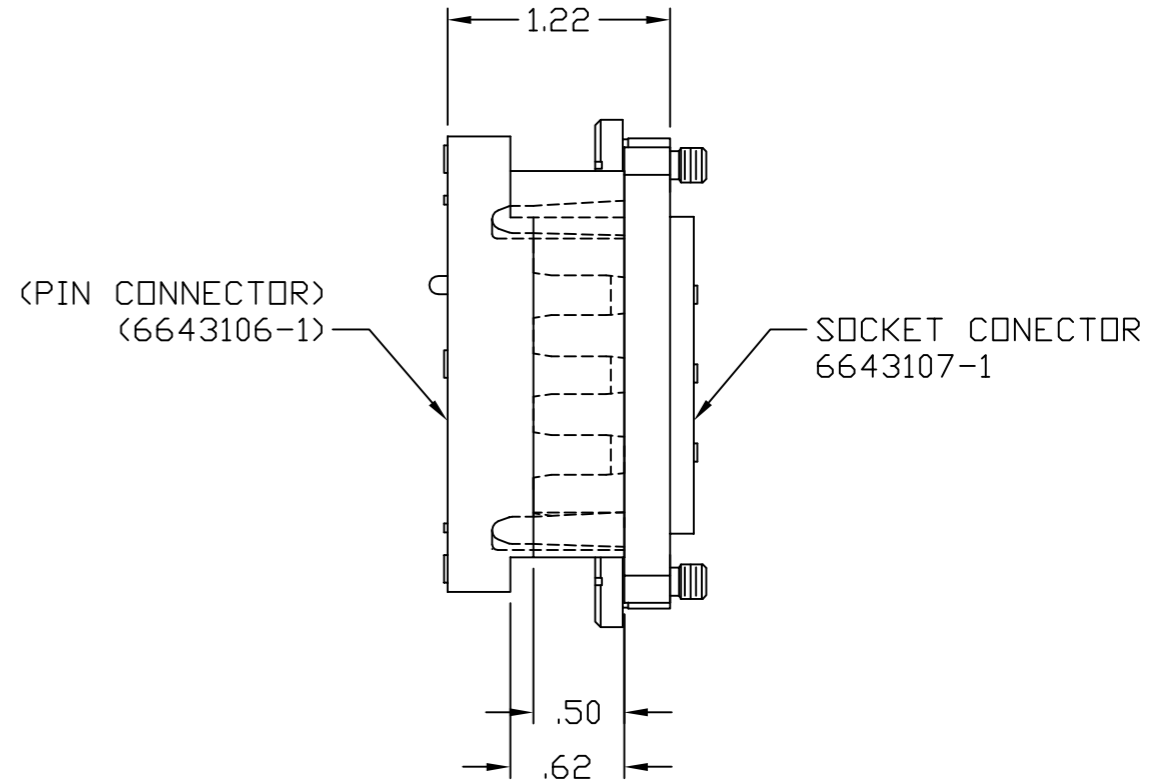
INCH OR INCH (MM) THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES ± .5° DECIMALS .XXX ± .010 (.25) .XX ± .02 (.3)	DRAWN HA NGUYEN	DATE 11/08/05	 Tyco Electronics Corporation Menlo Park, Ca 94025 		
	CHECKED			TITLE CONNECTOR, SOCKET HV8P DRAWER PN 6643107-1	
	APPROVED D. CHAU	11/08/05	SIZE B		DWG NUMBER C= 6643107
	APPROVED M. ALIM	11/08/05	ACAD FILE NUMBER C6643107A.DWG		DWG SCALE 1=1

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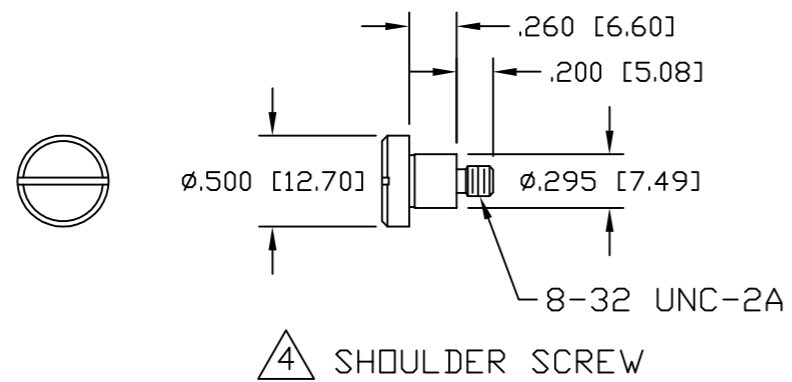
REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



SUGGESTED PANEL CUTOUT
VIEWED FROM CONNECTOR MOUNTING SIDE



MATED CONDITION



INCH OR INCH (MM) THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC) TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS .XXX $\pm .010 (.25)$.XX $\pm .02 (.3)$	DRAWN HA NGUYEN CHECKED	DATE 11/08/05	tyco Tyco Electronics Corporation Electronics Menlo Park, Ca 94025 ELCON
	APPROVED APPROVED D. CHAU DCA APPROVED M. ALIM ACAD FILE NUMBER C6643107A.DWG	APPROVED 11/08/05 11/08/05	TITLE USER INFORMATION RECOMMENDED PANEL CUTOUT AND MATED CONDITION SIZE B DWG NUMBER C-6643107 REV. A