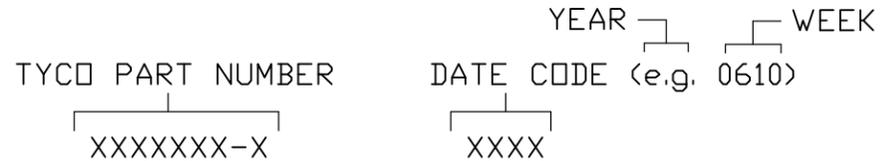


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REVISIONS			
EC	REV	DESCRIPTION	DATE
CPR	A	NEW RELEASE	2/10/06

△ CONTACT TABLE FOR PIN CONNECTOR			
PART NUMBER	DESCRIPTION	POSITION	QTY
1648110-2	CONNECTOR, PIN	N/A	1
1650283-1	CONTACT, PIN, SIZE #20, PCB TAIL, STANDARD	4-19	16
1766245-1	CONTACT, PIN, SIZE #12, PCB TAIL, STANDARD	1-3, 20-22	6

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



△ ALL PCB TAIL CONTACTS INSTALLED IN THE CONNECTOR ASSEMBLY.

3. FINISHES:

- SIZE #12 CONTACT: SILVER PLATED, .000200" MIN THICK, OVER NICKEL PLATED .000040" MIN TICK.
- SIZE #20 CONTACT: GOLD PLATED, .000030" MIN THICK OVER NICKEL PLATED .000040" MIN TICK.
- CROWN BAND: GOLD PLATED, .000030" MIN THICK OVER NICKEL PLATED .000040" MIN TICK.

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.

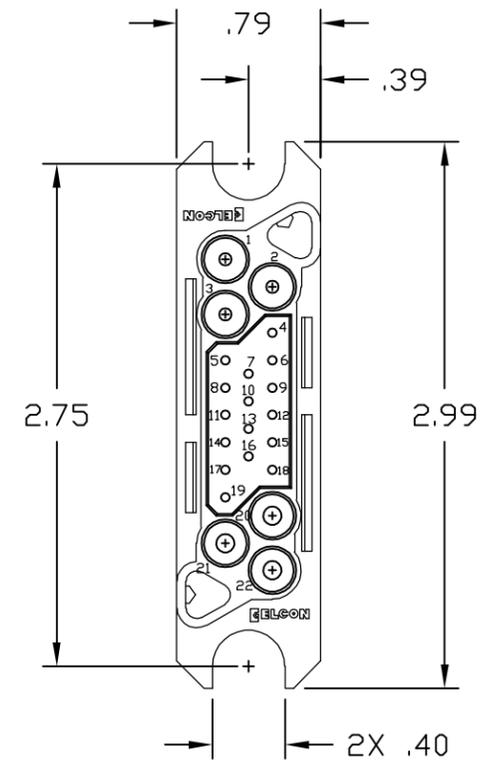
NOTES: UNLESS OTHERWISE SPECIFIED

TYCO PART NUMBER
6643090-1

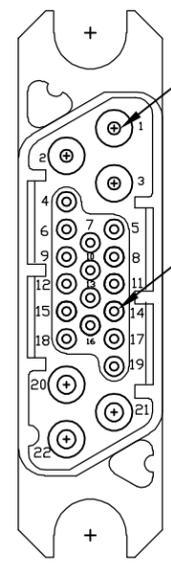
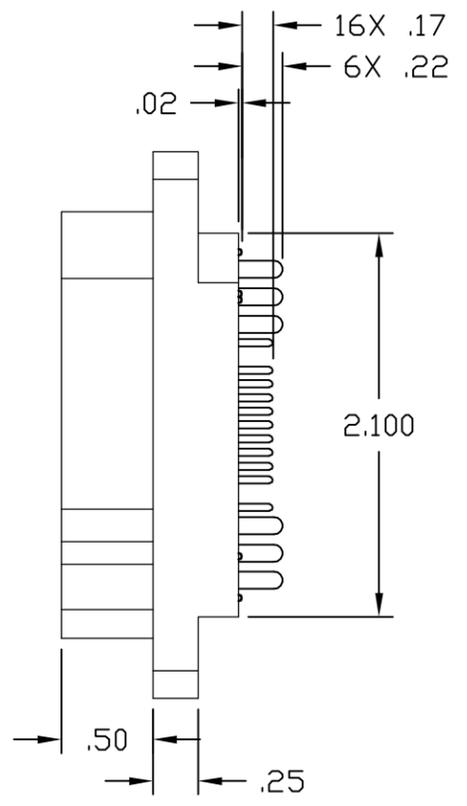
<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (METRIC)</p> <p>TOLERANCES</p> <p>ANGLES ± .5°</p> <p>DECIMALS</p> <p>.XXX ± .010 (.25)</p> <p>.XX ± .02 (.3)</p>	INCH OR INCH (MM)	DRAWN R. F. A.	DATE 2/10/06	Tyco Electronics Corporation Menlo Park, Ca 94025 	
	CHECKED				TITLE CONNECTOR, PIN MINI DRAWER
	APPROVED				SIZE DWG NUMBER B C= 6643090
	APPROVED D. CHAU		2/10/06		REV. A
DCA APPROVED					
ACAD FILE NUMBER	C6643090A.DWG		DWG SCALE 1=1	SH 1 OF 3	

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



FRONT VIEW



REAR VIEW

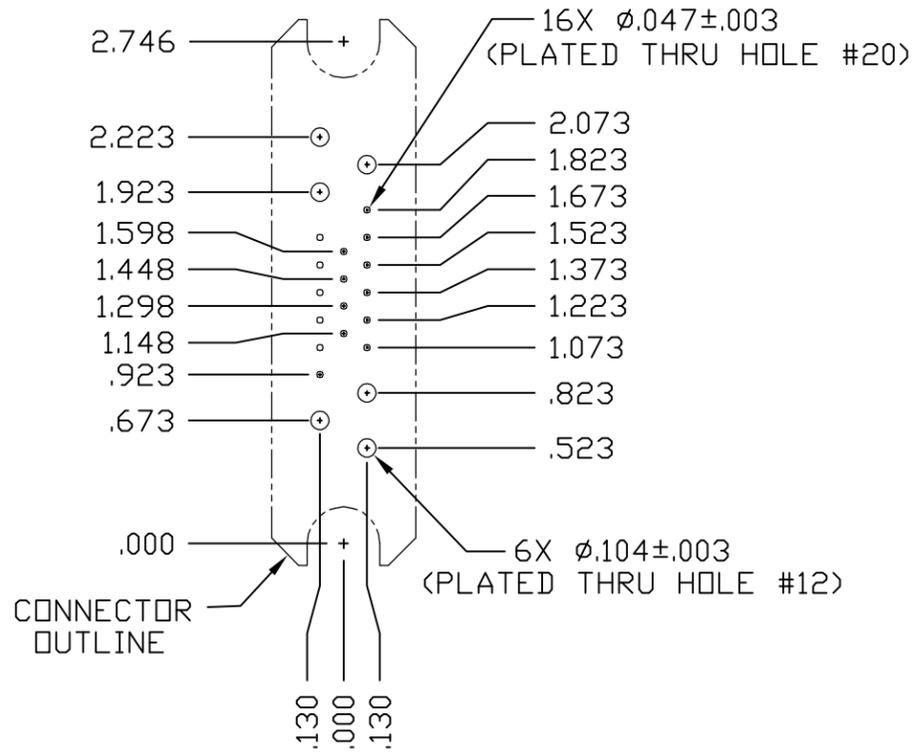
6X PIN CONTACT, SIZE #12
PCB TAIL, STD, HP
PN 1766245-1
POSN 1-3, 20-22

16X PIN CONTACT, SIZE #20
PCB TAIL, STANDARD
PN 1650283-1
POSN 4-19

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 R. F. A.	DATE 2/10/06	Tyco Electronics Corporation Menlo Park, Ca 94025 		
	CHECKED		TITLE CONNECTOR, PIN MINI DRAWER		
	APPROVED D. CHAU	2/10/06	SIZE B	DWG NUMBER C= 6643090	REV. A
	ACAD FILE NUMBER	C6643090A.DWG		DWG SCALE 1=1	SH 2 OF 3

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REVISIONS			
EC	REV	DESCRIPTION	DATE
		SEE SHEET 1	



SUGGESTED PCB LAYOUT

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 R. F. A.	DATE 2/10/06	Tyco Electronics Corporation Menlo Park, Ca 94025	
	CHECKED		TITLE PCB LAYOUT AND RECOMMENDED HOLE SIZE	
	APPROVED D. CHAU	2/10/06	SIZE B	DWG NUMBER C= 6643090
	DCA APPROVED		REV. A	
	ACAD FILE NUMBER	C6643090A.DWG	DWG SCALE	1=1 SH 3 OF 3

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