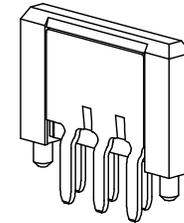


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REVISIONS			
EC	REV	DESCRIPTION	DATE
-	A	RELEASED	06APR06



7. SEE DRAWING 6651867 FOR MATING SOCKET CONNECTOR.

6. ITEMS PROVIDED TO THIS SPECIFICATION TO BE BAGGED AND TAG IDENTIFIED PER THE FOLLOWING IDENTIFIER:



5. OUTLINE SPECIFICATION WHEN USED WITH SOCKET CONNECTOR 6651867-1:
- CURRENT OF 25 AMPS PER CONTACT AT 30° TEMPERATURE RISE, 250 VOLTS.
 - CONNECTOR HOUSING GATHERABILITY OF ±0.64(.025) PRIOR TO MATE.
 - MATING FORCES OF 3-4 POUNDS TYPICAL.
 - NON-POLARIZED INSULATOR HOUSING

4. A REFERENCE DIMENSION (.XXX) IS WITHOUT TOLERANCE AND USED FOR INFORMATION PURPOSES ONLY.

3. FINISHES:
- CONTACT PLATING: SELECTIVE GOLD PLATE 0.00076 MM MIN THICK OVER NICKEL 0.00127 MIN THICK.
 - PCB TERMINATION: SELECTIVE TIN PLATE 0.00305 MIN THK. OVER NICKEL 0.00127 MIN THK.

2. MATERIALS:
- INSULATORS: THERMOPLASTIC, GLASS REINFORCED, COLOR-BLACK UL94V-0 FLAMMABILITY RATED
 - CONTACTS: COPPER ALLOY

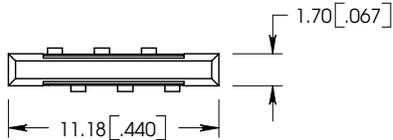
1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

NOTES: UNLESS OTHERWISE SPECIFIED

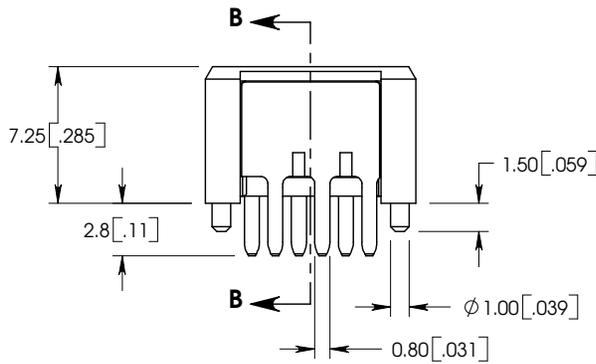
6651866-1
PART NUMBER

<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS (INCH)</p> <p>TOLERANCES</p> <p>ANGLES ± 2.0°</p> <p>DECIMALS</p> <p>.XX ± 0.25 (.010)</p> <p>.X ± 0.5 (.02)</p>	<p>DRAWN</p> <p>R.GRZYBOWSKI</p>	<p>DATE</p> <p>06APR06</p>	<p>Tyco Electronics Corporation Menlo Park, CA 94025</p>	
	<p>CHECKED</p>		<p>TITLE</p> <p>BLADE CONNECTOR, CROWN EDGE SINGLE POWER SEGMENT</p>	
	<p>APPROVED</p>			
	<p>APPROVED</p> <p>S.FLICKINGER</p>	<p>DATE</p> <p>06APR06</p>	<p>SIZE</p> <p>B</p>	<p>DWG NUMBER</p> <p>C-6651866</p>
<p>FILE NAME</p> <p>SC6651866A.SLDDRW</p>		<p>DWG SCALE: 2 = 1</p>		<p>SH 1 OF 3</p>

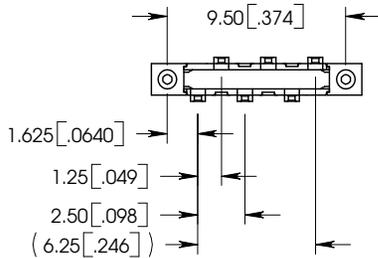
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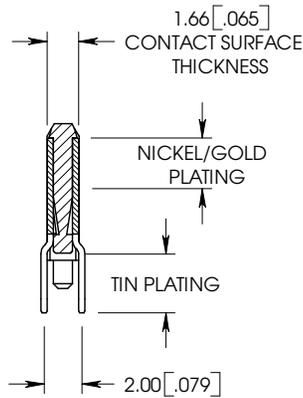
TOP VIEW



FRONT VIEW

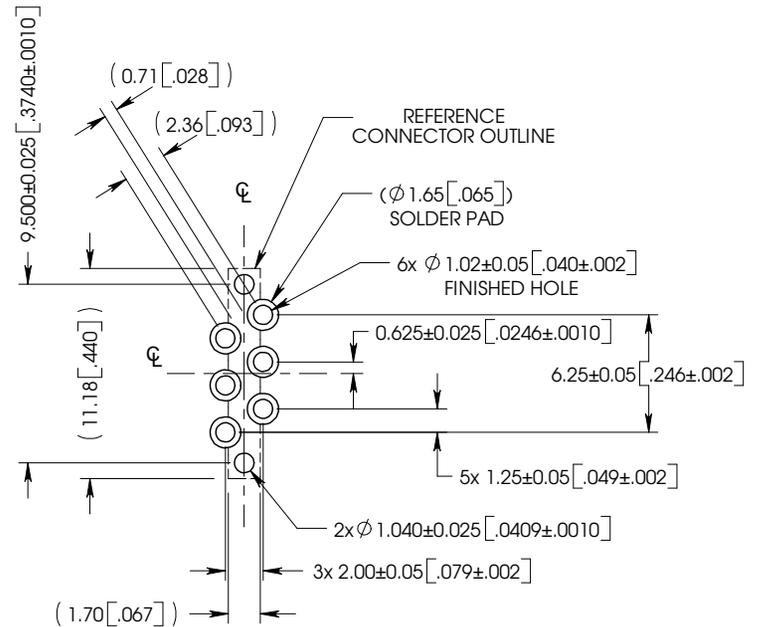


BOTTOM VIEW



SECTION B-B

EC		REV	REVISIONS	DATE
			DESCRIPTION	
			SEE SHEET 1	



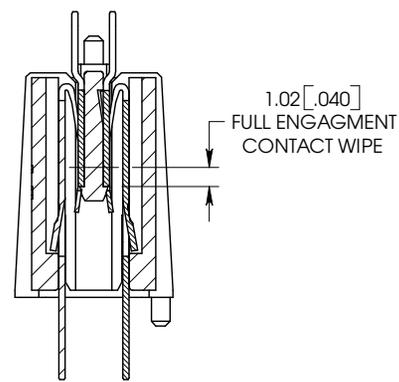
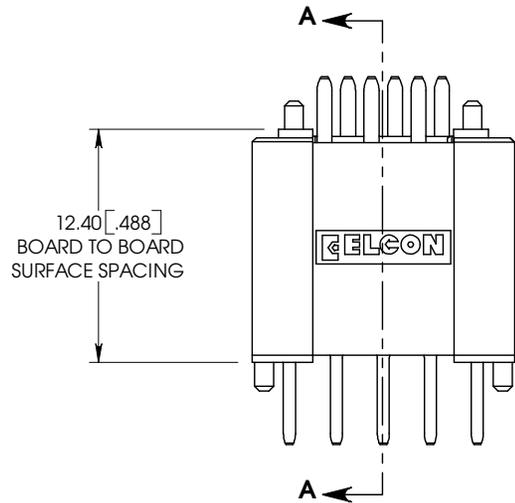
PRINTED CIRCUIT LAYOUT
BLADE CONNECTOR
SOLDER LEAD HOLE & PAD GUIDELINES

COMPONENT SIDE VIEW (TOP VIEW)
CENTERLINES ARE COMMON REFERENCE
BETWEEN BLADE & SOCKET LAYOUTS

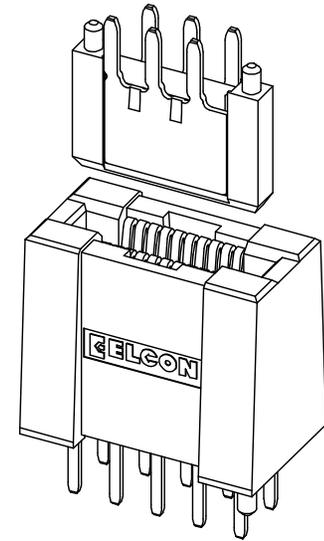
<p>THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS (INCH)</p> <p>TOLERANCES ANGLES ± 2.0° DECIMALS .XX ± 0.25 (.010) .X ± 0.5 (.02)</p>	<p>DRAWN R.GRZYBOWSKI</p> <p>CHECKED</p> <p>APPROVED</p> <p>APPROVED S.FLICKINGER</p> <p>DCA APPROVED</p> <p>FILE NAME SC6651866A.SLDDRW</p>	<p>DATE 06APR06</p> <p>DATE 06APR06</p>	<p> Tyco Electronics Corporation Menlo Park, CA 94025</p> <p></p> <p>TITLE BLADE CONNECTOR, CROWN EDGE SINGLE POWER SEGMENT</p>	<p>SIZE B</p> <p>DWG NUMBER C-6651866</p>	<p>REV. A</p>
	<p>DWG SCALE: 2 = 1</p>		<p>SH 2 OF 3</p>		

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EC		REV	REVISIONS	
			DESCRIPTION	DATE
			SEE SHEET 1	



SECTION A-A



<p>THIRD ANGLE PROJECTION</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS (INCH)</p> <p>TOLERANCES</p> <p>ANGLES ± 2.0°</p> <p>DECIMALS</p> <p>.XX ± 0.25 (.010)</p> <p>.X ± 0.5 (.02)</p>	<p>DRAWN R.GRZYBOWSKI</p>	<p>DATE 06APR06</p>	<p>Tyco Electronics Corporation Menlo Park, CA 94025</p>	
	CHECKED		TITLE	
	APPROVED		MINI-CROWN EDGE BLADE & CROWN EDGE SOCKET CONNECTOR SINGLE POWER SEGMENT MATING CONDITION	
	APPROVED S.FLICKINGER	06APR06	SIZE B	DWG NUMBER C-6651866
DCA APPROVED		FILE NAME SC6651866A.SLDDRW		DWG SCALE: 2 = 1
				SH 3 OF 3

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