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REVISIONS			
EC	REV	DESCRIPTION	DATE
—	A	INITIAL RELEASE	03/31/12

B

B

9. MODULE INFORMATION

CONNECTOR	TYCO PART NUMBER	ELCON PART NUMBER	CATALOG MODULE #	QTY	SIZE NO.	CONTACT QTY	MATING PIN	MAX. CURRENT (PER CONTACT)	CONTACT SPACING	VOLTAGE RATING*
SOCKET	6766477-1	279-1155-00200D	FP0204	8	8	8	.125 X 7.00 [.049 X .276]	35 AMPERES	7.50 [.2953]	250 VOLTS
			FP0403	1	22	24	.64 [.025] SQ.	3 AMPERES	2.50 [.0984]	125 VOLTS
			FP0523	1	ACTIVE RIGHT ANGLE GUIDE PIN (19.1mm)					
			FP0500	1	LEFT MOUNTING FLANGE					
			FP0501	1	RIGHT MOUNTING FLANGE					

*IAW IEC-950

NOTES: UNLESS OTHERWISE SPECIFIED.

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

2. MATERIALS:

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

SOLDER SIGNAL PIN: BRASS ALLOY.

POWER CONTACTS: PHOSPHOR BRONZE ALLOY, COPPER ALLOY.

CROWN BANDS: BERYLLIUM COPPER ALLOY.

GUIDE PIN: BRASS COPPER ALLOY.

3. FINISHES:

CONTACTS: GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 0, .000030" MIN. THK, OVER NICKEL PLATED PER QQ-N-290, CLASS 2, .000040" MIN. THK. SOLDER TAILS, TIN (90/10) PER ASTM B 545, .000100" MIN. THICK.

GUIDE PIN: SILVER PLATED PER QQ-S365.

 MOUNTING FLANGES ACCEPT M3 OR NO. 4 SCREWS, (USER SUPPLIED).

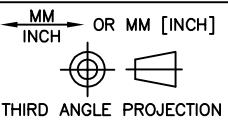
5. RECOMMENDED PRESSING TOOL PN FIX00308.

 ALL POWER MODULES ARE NON HOT PLUG.

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

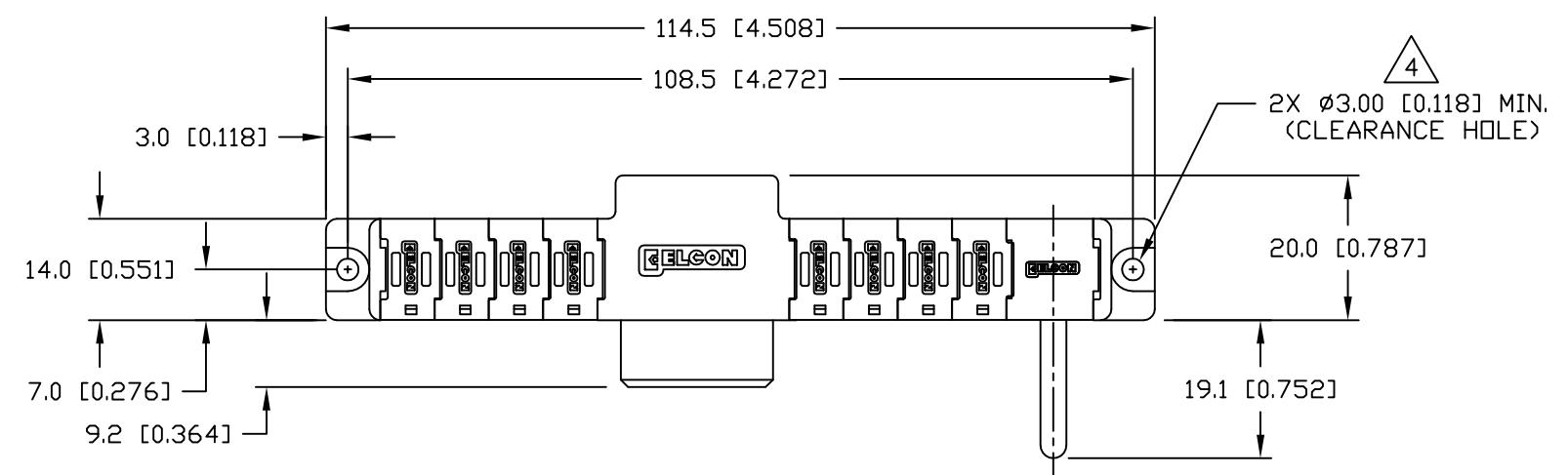
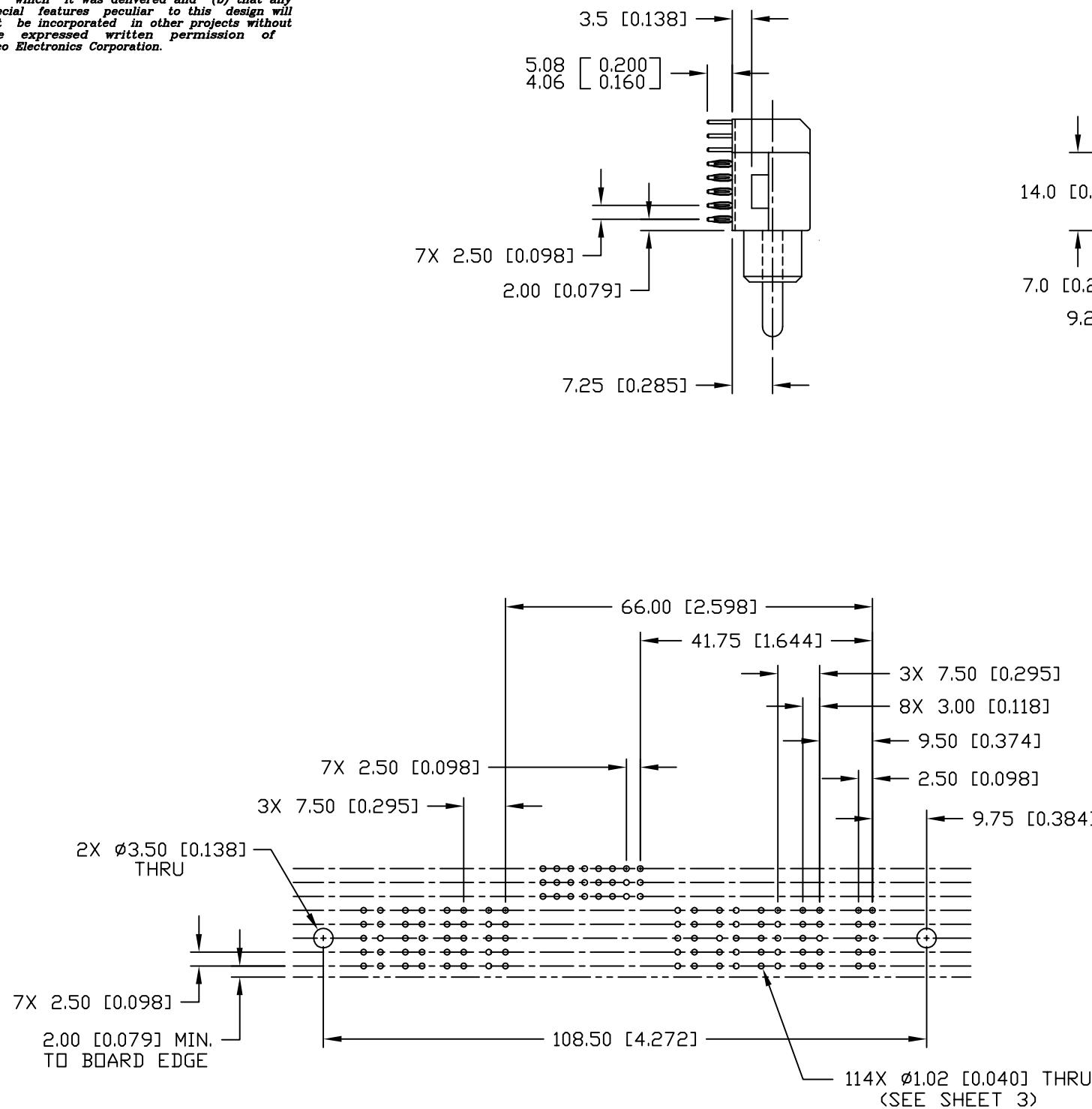
YEAR  WEEK
 ELCOM PART NO. & REV DATE CODE (e.g. 0527)
 XXX-XXXX-XXXXX [] XXXX

8. THIS CONNECTOR MATES WITH PIN CONNECTOR PN 279-1155-00100.

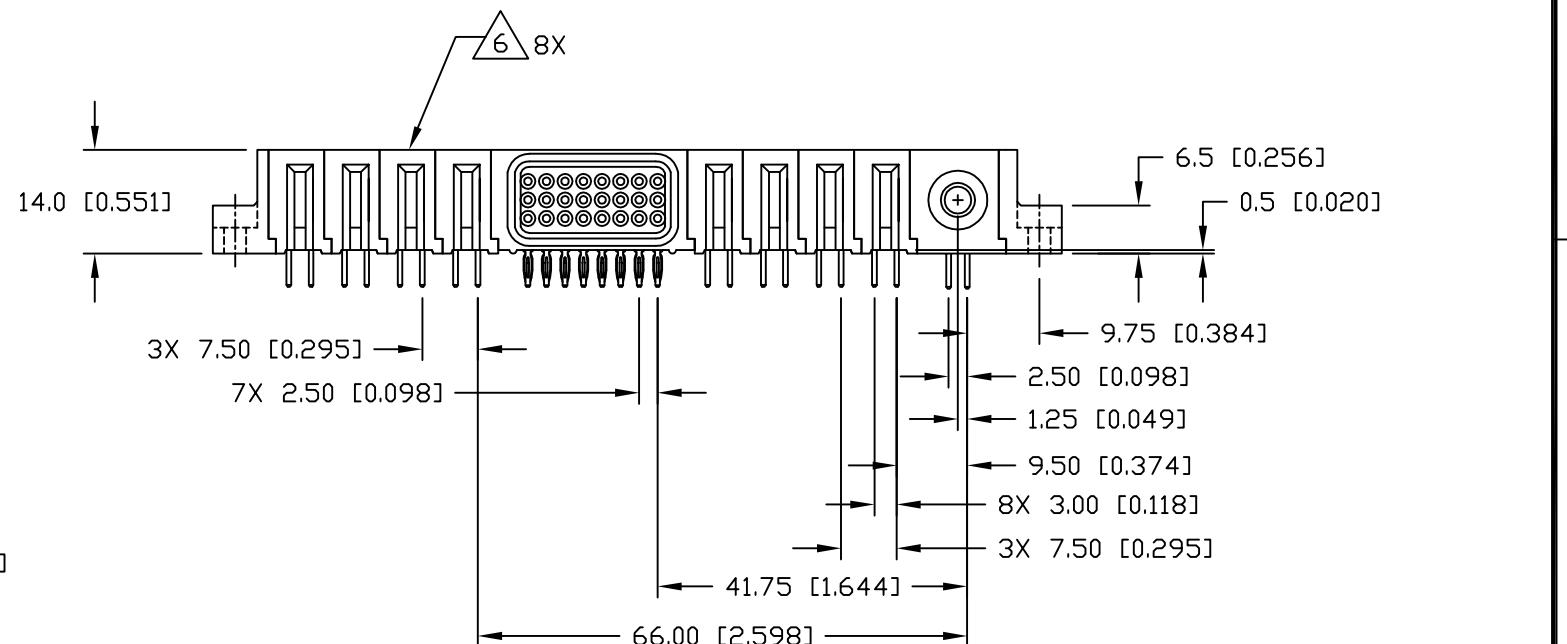
 <small>THIRD ANGLE PROJECTION</small>	DRAWN	DATE	 <small>Tyco Electronics</small> <small>Tyco Electronics Corporation</small> <small>Menlo Park, Ca 94025</small>	
	OL	01/03/12		
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</small>	CHECKED		 <small>ELCON</small>	
	APPROVED			
<small>TOLERANCES</small>	APPROVED		<small>SOCKET CONNECTOR, FLATPAQ</small> <small>RIGHT ANGLE, COMPLIANT TAILS</small> <small>PN: 279-1155-00200D</small>	
	S.Z	01/03/12		
<small>ANGLES $\pm .5^\circ$</small>	APPROVED		 <small>SIZE</small>	
	D.C.A APPROVED			
<small>DECIMALS</small>			DWG NUMBER	<small>C = 6766477</small> <small>A</small>
	.XX $\pm .25$ [.010]		B	
<small>.X $\pm .5$ [.020]</small>			ACAD FILE NUMBER	C6766477D.DWG
			DWG SCALE	1 = 1
			SH	1 OF 3

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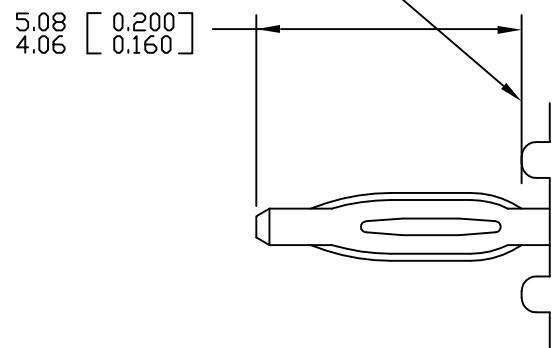
A



MM INCH	OR MM [INCH]	DRAWN OL	DATE 01/03/12	tyco Electronics	Tyco Electronics Corporation Menlo Park, Ca 94025	ELCON
THIRD ANGLE PROJECTION		CHECKED				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]		APPROVED				
TOLERANCES		APPROVED				
ANGLES $\pm .5^\circ$		S.Z	01/03/12			
DECIMALS		DCA APPROVED				
.XX $\pm .25$ [.010]						
.X $\pm .5$ [.020]						
ACAD FILE NUMBER		C6766477D.DWG				
DWG SCALE		1=1				
SH		2 OF 3				

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P.C. BOARD
SURFACE REF

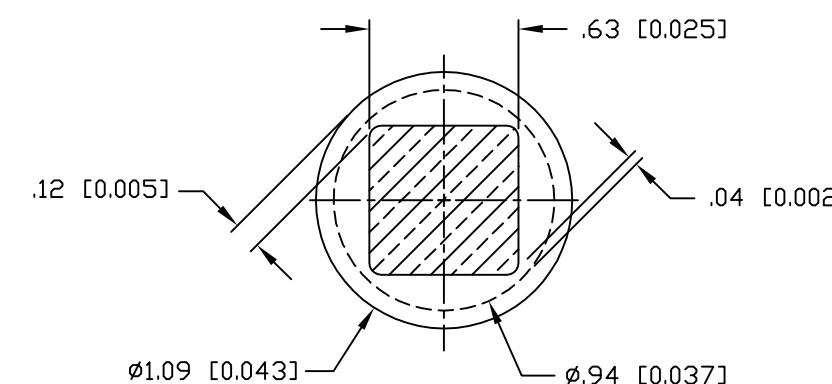


COMPLIANT PIN DETAIL

INSERTION/EXTRACTION FORCES

MAXIMUM PUSH-IN: 133.3N PER PIN
[30 LBS]

MINIMUM PUSH-OUT: 44.4N PER PIN
[10 LBS]



SOLDER TERMINATION AREA

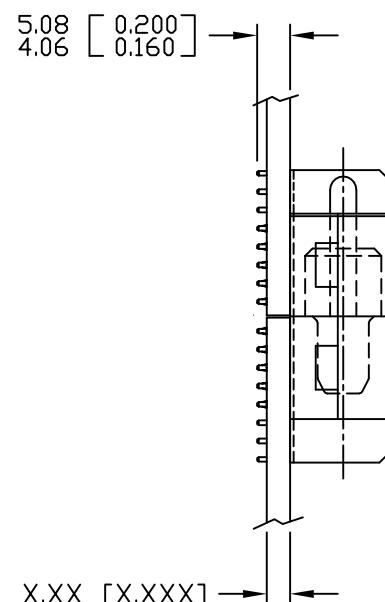
RECOMMENDED PRINTED CIRCUIT HOLE

FINISHED HOLE: Ø1.02 [0.040] ±.08 [0.003]

DRILLED HOLE: Ø1.15 [0.0453] ±.013 [0.005]

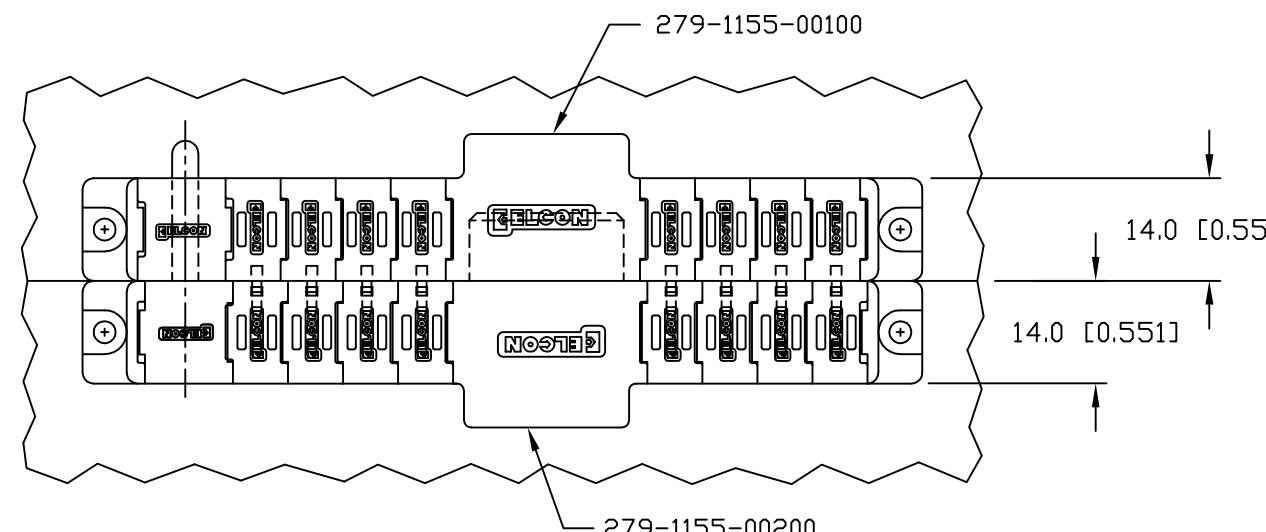
COPPER PLATE: .025 [0.0010] MINIMUM (PER SURFACE)

TIN PLATE: .008 [0.0003] MINIMUM (PER SURFACE)



X.XX [X.XXX]

MATED CONDITION



REVISIONS			
EC	REV	DESCRIPTION	DATE
SEE SHEET 1			

 THIRD ANGLE PROJECTION <small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN METRIC [INCHES]</small> TOLERANCES ANGLES $\pm .5^\circ$ DECIMALS $.XX \pm .25 [0.010]$ $.X \pm .5 [0.020]$	DRAWN OL	DATE 01/03/12	 tyco Electronics Tyco Electronics Corporation Menlo Park, Ca 94025
	CHECKED		
	APPROVED		
	APPROVED		
	S.Z	01/03/12	
	DCA APPROVED		
	S.Z	01/03/12	
	ACAD FILE NUMBER	C6766477D.DWG	
	SIZE	DWG NUMBER	
	B	C = 6766477	REV. A

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[6766477-1](#)