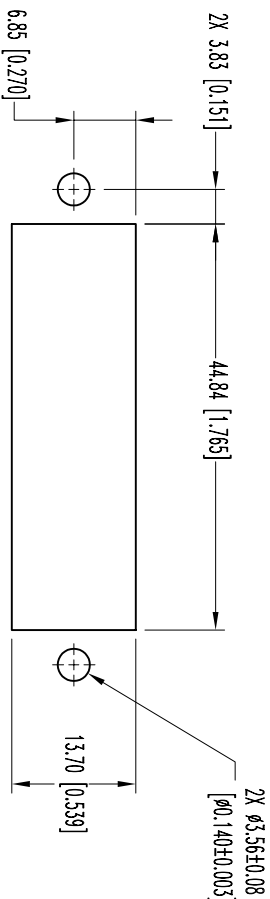
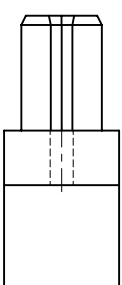
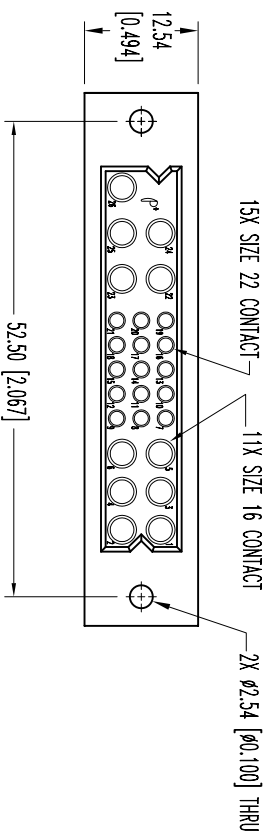
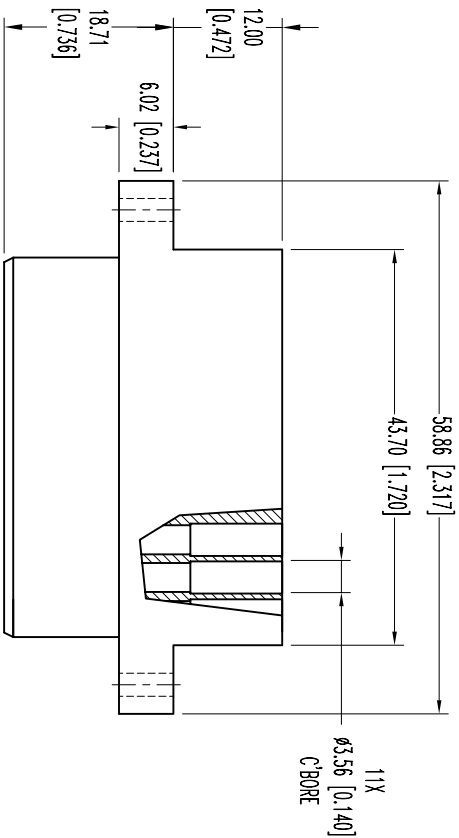


POSITRONIC INDUSTRIES BELIEVES THE DATA ON THIS DRAWING TO BE RELIABLE SINCE THE TECHNICAL INFORMATION IS GIVEN FREE OF CHARGE. THE USER EMPLOYS SUCH INFORMATION AT HIS OWN DISCRETION AND ASSUMES ALL RESPONSIBILITY FOR RESULTS OBTAINED OR DAMAGES INCURRED FROM USE OF SUCH INFORMATION IN WHOLE OR IN PART.



PANEL CUTOUT

- NOTES:
- MATERIALS AND FINISHES:
INSULATOR: GLASS FILLED POLYESTER, UL 94V-0, COLOR: BLUE.
SIZE 16 CONTACTS: HIGH CONDUCTIVITY PRECISION MACHINED
COPPER ALLOY WITH GOLD FLASH OVER NICKEL PLATE.
SIZE 22 CONTACTS: HIGH CONDUCTIVITY PRECISION MACHINED
COPPER ALLOY WITH GOLD FLASH OVER NICKEL PLATE.
ELECTRICAL CHARACTERISTICS:
CONTACT CURRENT RATING:
SIZE 16 POWER CONTACTS: 34 AMPERES CONTINUOUS,
ALL CONTACTS UNDER LOAD.
SIZE 22 SIGNAL CONTACTS: 3 AMPERES NOMINAL.
INITIAL CONTACT RESISTANCE:
SIZE 16 CONTACT: 0.0007 OHMS MAXIMUM.
SIZE 22 CONTACT: 0.004 OHMS MAXIMUM.
PER IEC 512-2, TEST 2b.
INSULATOR RESISTANCE: 5 G OHMS PER IEC 512-2, TEST 3a.
VOLTAGE PROOF:
CONTACTS: 22 THROUGH 26: 1,500 V r.m.s.
CONTACTS: 1 THROUGH 6: 1,500 V r.m.s.
CONTACTS: 7 THROUGH 21: 1,000 V r.m.s.
CREEPAGE AND CLEARANCE DISTANCE: MINIMUM.
CONTACT: 22 TO SIGNAL CONTACTS: 2.0 [0.079]
WORKING TEMPERATURE: -55C TO +125C.
CONTACTS CALLED OUT FOR REFERENCE ONLY.
CONTACTS ORDERED SEPARATELY.
USE FC42N27 CONTACTS FOR SIZE 22 CONTACTS, SEE TABLE FOR SIZE 16 CONTACTS.
CONNECTORS ARE ROHS COMPLIANT PER ROHS DIRECTIVE 2002/95/EC OF 27 JAN 2003.
DIMENSIONS ARE IN MILLIMETERS [INCHES].

PART NUMBER		WIRE SIZE		DECIMAL TOL.		TITLE		DATE		DRAWING NUMBER		REV.	
FC112N25-1565.0		mm ² / [awg]		±0.38 [0.015]		PCB SERIES		8-11-06		SK7870		NC	
FC114N2-1565.0		4.0/[12]		±0.38 [0.015]		SCALE		8-11-06		SK7870		NC	
FC116N2-1565.0		2.5-1.5/[14-16]		±0.38 [0.015]		N.T.S.		8-11-06		SK7870		NC	
FC116N2-1565.0		1.5-1.0/[16-18]		±0.38 [0.015]		ANGULAR TOL.		8-11-06		SK7870		NC	
FC116N2-1565.0		1.5-1.0/[16-18]		±0.38 [0.015]		ANGULAR TOL.		8-11-06		SK7870		NC	