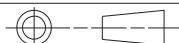


YHLZ TERMINAL BLOCK MODULES

14	REVISED AND REDRAWN ON CAD. DWG WAS SD75001. SEE REV. REF. PRINT. (ECN3556)	FDH	JKD	06-10-96
REV	REVISION DESCRIPTION	BY	CHKD	DATE

SUPERSEDES: SD75001-13

SUPERSEDES: SD75001-13		YHLZ TERMINAL BLOCK MODULE ASSEMBLY													
		CAT NO. YHLZ-22_ & -44_ (SEE TABLE)													
LINEAR MEASURE: INCH mm INCH [mm]		DWG RELEASED TO CENTRAL FILE 06-10-96			A P P R O V A L	DRWN THC 01-04-73									
THIRD ANGLE PROJECTION		CAGE NO. 09922 ECN 3556 PC 862				CHKD TJS 05-21-73									
		© FRAMATOME CONNECTORS USA INC. 1996				DSGN JB 05-23-73									
- TOLERANCES - UNLESS OTHERWISE SPECIFIED <table><tr><td>NO OF DECIMAL PLACES IN INCHES</td><td>INCH [mm]</td></tr><tr><td>ONE PLACE</td><td>±.1 [±3]</td></tr><tr><td>TWO PLACES</td><td>±.02 [±0.5]</td></tr><tr><td>THREE PLACES</td><td>±.005 [±0.13]</td></tr></table> ANGLES ±1°		NO OF DECIMAL PLACES IN INCHES	INCH [mm]	ONE PLACE		±.1 [±3]	TWO PLACES	±.02 [±0.5]	THREE PLACES	±.005 [±0.13]				MKT FG 05-31-96	
		NO OF DECIMAL PLACES IN INCHES	INCH [mm]												
		ONE PLACE	±.1 [±3]												
		TWO PLACES	±.02 [±0.5]												
THREE PLACES	±.005 [±0.13]														
QC ZR 06-05-96															
DRAWING SCALE NONE															
DRAWING NO		REV													
					SA75001		14								
					SHEET 1 OF 6										

NOTES: UNLESS OTHERWISE SPECIFIED.

- 1. INTERPRET THIS DRAWING IN ACCORDANCE WITH ANSI Y14.5M-1982.
- 2. TERMINAL BLOCKS ACCOMODATES FCI 'YHMM' TYPE PIN CONTACTS.
SEE DRAWING SE66466. USE INSERTION/REMOVAL TOOL 'J1276-_'.
- 3. TERMINAL BLOCK CAN BE INSTALLED IN ANY POSITION OF AMM____T____AND
AMY____T____ TRACK BY ROTATING CLOCKWISE. SEE DRAWINGS SE66784, BRSE66604,
SD83863, AND SD83864.

4. OPTIONAL: TERMINAL BLOCK MODULE MAY BE HEAT STAKED ON INDICATED SURFACES.

5. DIMENSION INCLUDES WARPAGE IN AREA SHOWN.

MATERIAL:

BODY - ZYTEL 151L OR EQUIVALENT, SELF EXTINGUISHING PER ASTM D635-56T
YHLZ-22 COLOR GRAY
YHLZ-44 COLOR BLACK

MODULE SOCKET ASS'Y - BERYLLIUM COPPER ALLOY

FINISH:

MODULE SOCKET ASS'Y - .000030 [0,00076] MIN. GOLD OVER .000100 [0,00254] MIN.
COPPER.

WEIGHT: .14 OZ. [4.0 GRAMS] MAX.

CATALOG NO. TABLE		
FCI CAT. NO.	FIG. NO.	CUST. PART NO.
YHLZ-44	1	
YHLZ-44 (B)		BACM15C1B
YHLZ-22	2	
YHLZ-22 (B)		BACM15C1A

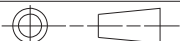
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REV	REVISION DESCRIPTION	BY	CHKD	DATE

YHLZ TERMINAL BLOCK MODULE ASSEMBLY

CAT NO. YHLZ-22_ & -44_ (SEE TABLE)

LINEAR MEASURE: INCH mm INCH [mm]

THIRD ANGLE PROJECTION



- TOLERANCES -
UNLESS OTHERWISE SPECIFIED

NO OF DECIMAL PLACES IN INCHES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±.02 [±0,5]
THREE PLACES	±.005 [±0,13]
ANGLES ±1°	

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	QC	ZR	06-05-96
	DRAWING SCALE: NONE		
DRAWING NO.			REV
SA75001			14
SHEET 2 OF 6			

PERFORMANCE CHARACTERISTICS

MECHANICAL:

CONTACT INSERTION FORCES: 9 LBS [40,03N] MAX.
CONTACT SEPARATION FORCES: 1 LB [4,45N] MIN.
CONTACT RETENTION: 25 LBS [111,20N] MIN.
BUS RETENTION: 30 LBS [133,44N] MIN.

ELECTRICAL:

CONTACT RESISTANCE: SIZE 12-16: 40 MILLIVOLTS MAX AT 20.0 AMPS WITH
16 AWG SILVER PLATED WIRE.
LOW LEVEL CONTACT RESISTANCE: SIZE 12-16: .006 OHMS MAX WITH 16 AWG SILVER PLATED WIRE.
DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS
(SEA LEVEL)
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS
(60,000 FT.)
INSULATION RESISTANCE: 5000 MEGOHMS MIN.
CASE INTEGRITY (WET DIELECTRIC): 1500 VRMS

ENVIRONMENTAL:

SALT SPRAY: 48 HOURS IN ACCORDANCE WITH MIL-STD-202, METHOD 101, TEST CONDITION B.
VIBRATION: IN ACCORDANCE WITH MIL-STD-202, METHOD 204, TEST CONDITION D, LETTER E.
THERMAL SHOCK: IN ACCORDANCE WITH MIL-STD-202, METHOD 107, TEST CONDITION B.
EXCEPT TEMPERATURE EXTREMES ARE -55°C TO 65°C [-67°F TO 149°F]
HUMIDITY: IN ACCORDANCE WITH MIL-STD-202, METHOD 106, (OMIT STEP 7B).
TENSILE PULL: 10 LBS [44,48N] MIN. AT RIGHT ANGLES TO LONGITUDINAL AXIS OF CONTACT.

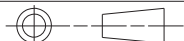
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REV	REVISION DESCRIPTION	BY	CHKD	DATE

YHLZ TERMINAL BLOCK MODULE ASSEMBLY

CAT NO. YHLZ-22_ & -44_ (SEE TABLE)

LINEAR MEASURE: INCH mm INCH [mm]

THIRD ANGLE PROJECTION



- TOLERANCES -
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ANGLES ±1°	

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	QC	ZR	06-05-96
DRAWING SCALE: NONE			
DRAWING NO.			REV
SA75001			14
SHEET 3 OF 6			

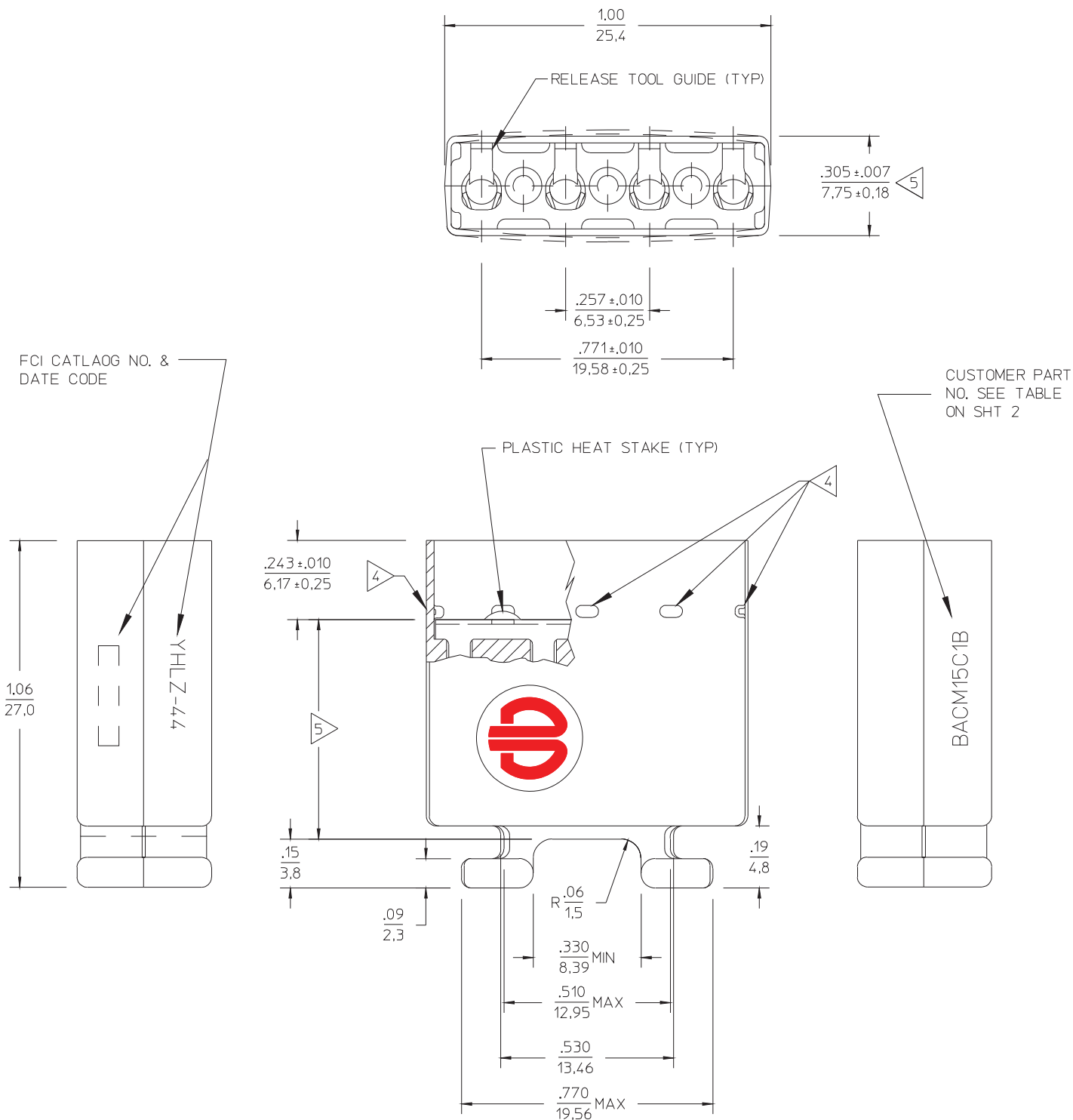


FIGURE 1

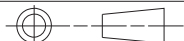
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REV	REVISION DESCRIPTION	BY	CHKD	DATE

YHLZ TERMINAL BLOCK MODULE ASSEMBLY

CAT NO. YHLZ-44_ (SEE TABLE)

LINEAR MEASURE: INCH mm INCH [mm]

THIRD ANGLE PROJECTION



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ANGLES ±1°

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DSGN	JB	05-22-73
MKT	FG	05-31-96
QC	ZR	06-05-96

DRAWING SCALE 2 : 1

DRAWING NO REV

SA75001 14

SHEET 4 OF 6

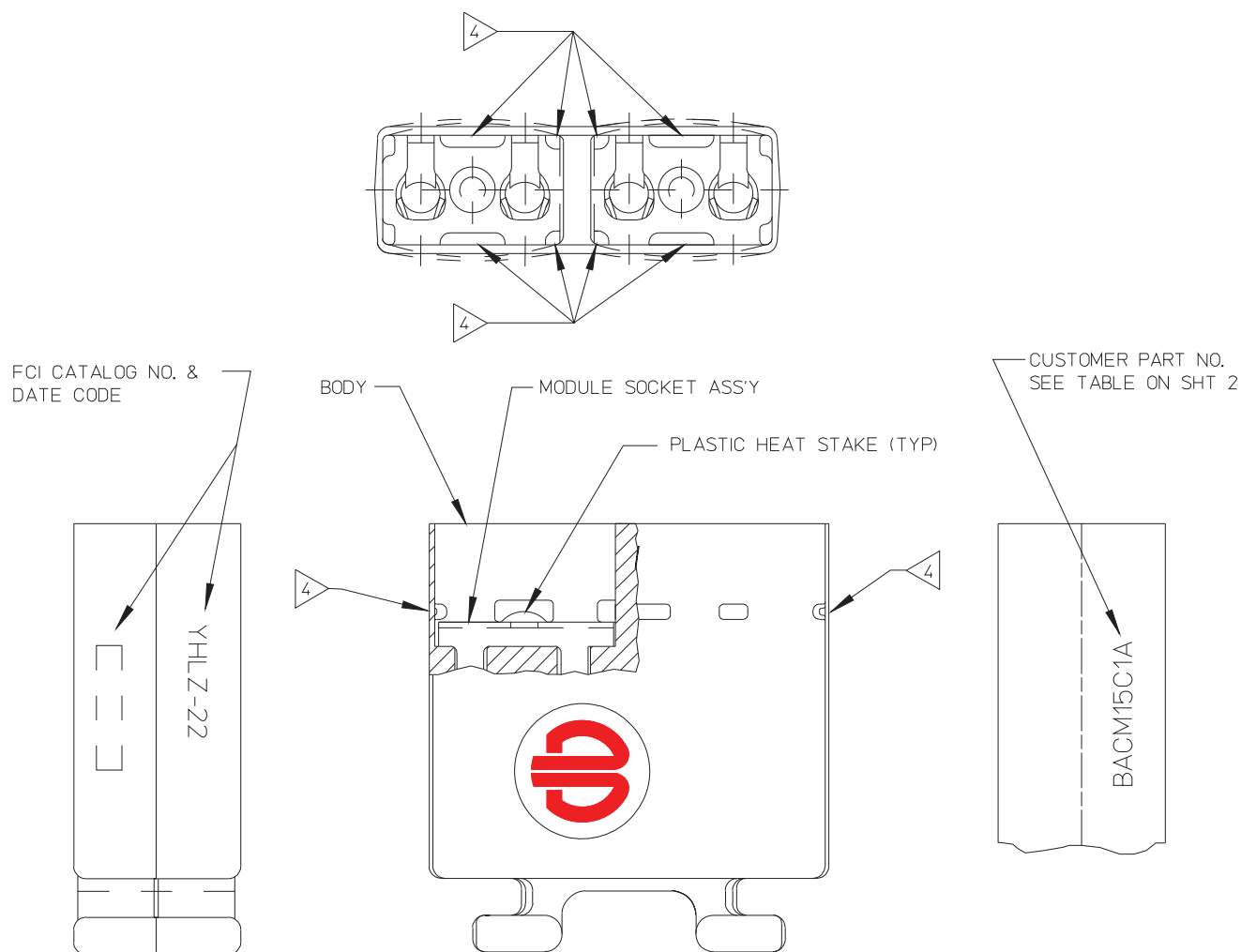


FIGURE 2

SEE FIG. 1 FOR
ALL DIMENSIONS

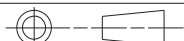
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REV	REVISION DESCRIPTION	BY	CHKD	DATE

YHLZ TERMINAL BLOCK MODULE ASSEMBLY

CAT NO. YHLZ-22_ (SEE TABLE)

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THIRD ANGLE PROJECTION



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QC	ZR	06-05-96

DRAWING SCALE 2 : 1

DRAWING NO REV

SA75001 14

SHEET 5 OF 6

BUSSED BAR RECESSED
DEEPER TO PREVENT
EXPOSURE OF CONTACT
PIN ABOVE INSULATING
SURFACE.

SLOT FOR EXTRACTION
TOOL TO REMOVE
CONTACT PIN

PRIMARY CURRENT
CARRYING MEMBER

.54
13.7

.165 ±.015
4.19 ±0.38

POSITIVE LOCKING MEMBER

WRAP AROUND CONTACT FINGERS
FOR GOOD ELECTRICAL CONTACT

Ø .135 MAX
3.43

CONTACT POINTS
(3 PLACES)

TYP SECTION - CONTACT & C- SPRING
SCALE 5:1

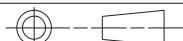
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YHLZ TERMINAL BLOCK MODULE ASSEMBLY

CAT NO. YHLZ-22_ & -44_ (SEE TABLE)

LINEAR MEASURE: INCH mm INCH [mm]

THIRD ANGLE PROJECTION



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	MKT	FG 05-31-96
	QC	ZR 06-05-96

DRAWING SCALE: NONE

DRAWING NO. REV

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SHEET 6 OF 6