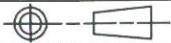


HIGH DENSITY YHLZ TERMINAL BLOCK MODULES


| | | | | |
|-----|---|-----|------|----------|
| 9 | ON SH 2. CORRECTED MATL CALLOUT. WAS ZYTEL 151. (ECN3616) | TJ | FDH | 09-27-96 |
| 8 | REVISED AND REDRAWN ON CAD. DWG WAS SD84122. SEE REV. REF. PRINT. (ECN3556) | FDH | JK | 06-10-96 |
| REV | REVISION DESCRIPTION | BY | CHKD | DATE |

SUPERSEDES: SD84122-7

| | |
|--|---------------------|
| HIGH DENSITY YHLZ TERMINAL BLOCK MODULES | |
| CAT NO. | YHLZ16- (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° | | |

| | | |
|---------------------------------------|----------|--------|
| DWG RELEASED TO CENTRAL FILE 06-10-96 | | |
| CAGE NO. 09922 | ECN 3556 | PC 862 |
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usa@framatome.com

| | | | |
|--------------------|------|-----|----------|
| APPROVAL | DRWN | DWJ | 05-31-80 |
| | CHKD | SFP | 10-16-80 |
| | DSGN | LAS | 10-24-80 |
| | MKT | FG | 05-31-96 |
| | QC | ZR | 06-05-96 |
| DRAWING SCALE NONE | | | |
| DRAWING NO | | REV | |
| SA84122 | | 9 | |
| SHEET 1 OF 5 | | | |

NOTES: UNLESS OTHERWISE SPECIFIED.

1. INTERPRET THIS DRAWING IN ACCORDANCE WITH ANSI Y14.5M-1982.
2. TERMINAL BLOCKS ACCOMODATES FCI 'ARM20W-1D_-' PIN CONTACTS. (REF: MIL-C-39029/11-145) SEE DRAWING SD84121. PIN CONTACTS ACCOMODATE WIRE RANGE #24-22-20 AWG. USE INSERTION/REMOVAL TOOL PER MIL-I-81969/1-02.
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. MODULES ARE INTERCHANGEABLE WITH THE YHLZ8 (BACM15C2A) TERMINAL BLOCK MODULE (SEE DWG SA60450) AND ARE USED IN THE SAME TRACK.
5. UPPER AND LOWER BODIES SEALED AROUND PERIPHERY OF ALL UNBUSSED CAVITIES.
6. BARRIER IDENTIFICATION MARKING. (NON CONDUCTIVE BLACK INK)

MATERIAL:

BODY - NYLON 612 PER MIL-M-20693, TYPE III, COLOR - WHITE.
 CONTACT SPRING & RETENTION SPRING - BERYLLIUM COPPER ALLOY

FINISH:

CONTACT SPRING - .000030 [0,00076] MIN. GOLD OVER .000100 [0,00254] MIN. COPPER.

WEIGHT: .46 OZ. [13 GRAMS] MAX.

| CATALOG NO. TABLE | | |
|-------------------|---------------------|----------------|
| FCI CAT. NO. | BUSSING ARRANGEMENT | CUST. PART NO. |
| YHLZ16-2 | 8 UNITS X 2 BUSSED | BACM15C3A |
| YHLZ16-4 | 4 UNITS X 4 BUSSED | BACM15C3B |
| YHLZ16-8 | 2 UNITS X 8 BUSSED | BACM15C3C |

| | | | | |
|-----|----------------------------|-----|------|------|
| --- | ALL REV. RECORDED ON SHT 1 | --- | --- | --- |
| REV | REVISION DESCRIPTION | BY | CHKD | DATE |

| | |
|---|-------------------|
| HIGH DENSITY YHLZ TERMINAL BLOCK MODULES | |
| CAT NO. YHLZ16- (SEE TABLE) | |
| DWG RELEASED TO CENTRAL FILE 06-10-96 | |
| CAGE NO. 09922 | ECN XXX PC 862 |
| © FRAMATOME CONNECTORS USA INC. 1996 | |
| APP RO VAL | DRWN DWJ 05-31-80 |
| | CHKD SFP 10-16-80 |
| | DSGN LAS 10-24-80 |
| | MKT FG 05-31-96 |
| | QC ZR 06-05-96 |
| DRAWING SCALE: NONE | |
| DRAWING NO. | REV |
| SA84122 | 9 |
| SHEET 2 OF 5 | |

| | | |
|--|---------------|-----------|
| 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° | | |



PERFORMANCE CHARACTERISTICS

MECHANICAL:

CONTACT INSERTION FORCES: 2 LBS [8,90N] MAX.
 CONTACT SEPARATION FORCES: .125 LB [0,56N] MIN.
 CONTACT RETENTION: 20 LBS [88,96N] MIN.
 BUS RETENTION: 25 LBS [111,20N] MIN.

ELECTRICAL:

CONTACT RESISTANCE: SIZE 20-20: 30 MILLIVOLTS MAX AT 7.5 AMPS WITH
 20 AWG SILVER PLATED WIRE.
 LOW LEVEL CONTACT RESISTANCE: SIZE 20-20: .006 OHMS MAX WITH 20 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.

| | | | | |
|-----|----------------------------|-----|------|------|
| --- | ALL REV. RECORDED ON SHT 1 | --- | --- | --- |
| REV | REVISION DESCRIPTION | BY | CHKD | DATE |

HIGH DENSITY YHLZ TERMINAL BLOCK MODULES
 CAT NO. YHLZ16- (SEE TABLE)

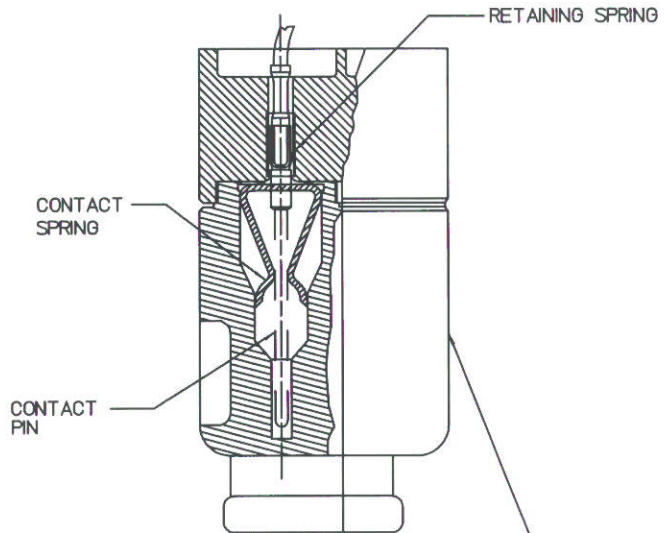
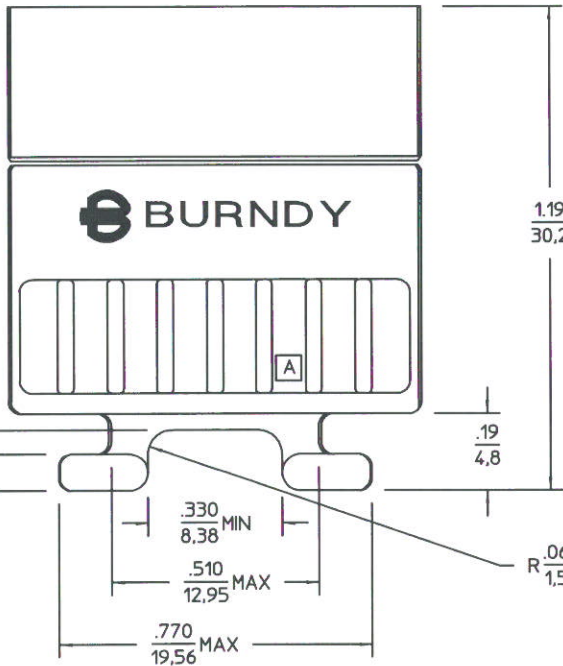
| | | |
|--------------------------------|------------|-----------|
| LINEAR MEASURE: | INCH mm | INCH [mm] |
| THIRD ANGLE PROJECTION | | |
| | | |
| - TOLERANCES - | | |
| UNLESS OTHERWISE SPECIFIED | | |
| NO OF DECIMAL PLACES IN INCHES | INCH | [mm] |
| ONE PLACE | ±.1 | [±3] |
| TWO PLACES | ±.02 | [±0.5] |
| THREE PLACES | ±.005 | [±0.13] |
| ANGLES ±1° | | |

DWG RELEASED TO CENTRAL FILE 06-10-96
 CAGE NO. 09922 ECN 3556 PC 862

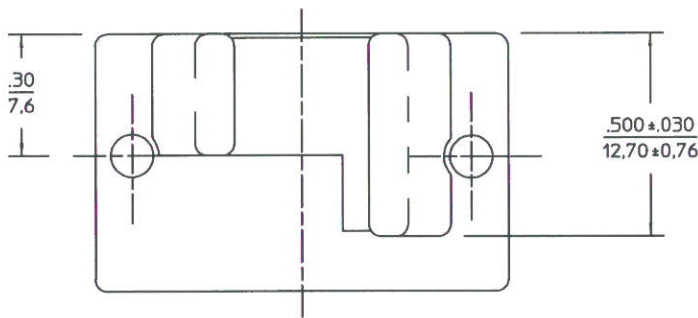
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| | | | |
|--------------------------------------|------|-----|----------|
| A P P R O V A L | DRWN | DWJ | 05-31-80 |
| | CHKD | SFP | 10-16-80 |
| | DSGN | LAS | 10-24-80 |
| | MKT | FG | 05-31-96 |
| | QC | ZR | 06-05-96 |
| DRAWING SCALE: NONE | | | |
| DRAWING NO. | | REV | |
| SA84122 | | 9 | |
| SHEET 3 OF 5 | | | |



CUSTOMER PART NUMBER
FCI CAT. NUMBER



| --- | ALL REV. RECORDED ON SHT 1 | --- | --- | --- |
|-----|----------------------------|-----|------|------|
| REV | REVISION DESCRIPTION | BY | CHKD | DATE |

HIGH DENSITY YHLZ TERMINAL BLOCK MODULES

CAT NO. YHLZ16- (SEE TABLE)

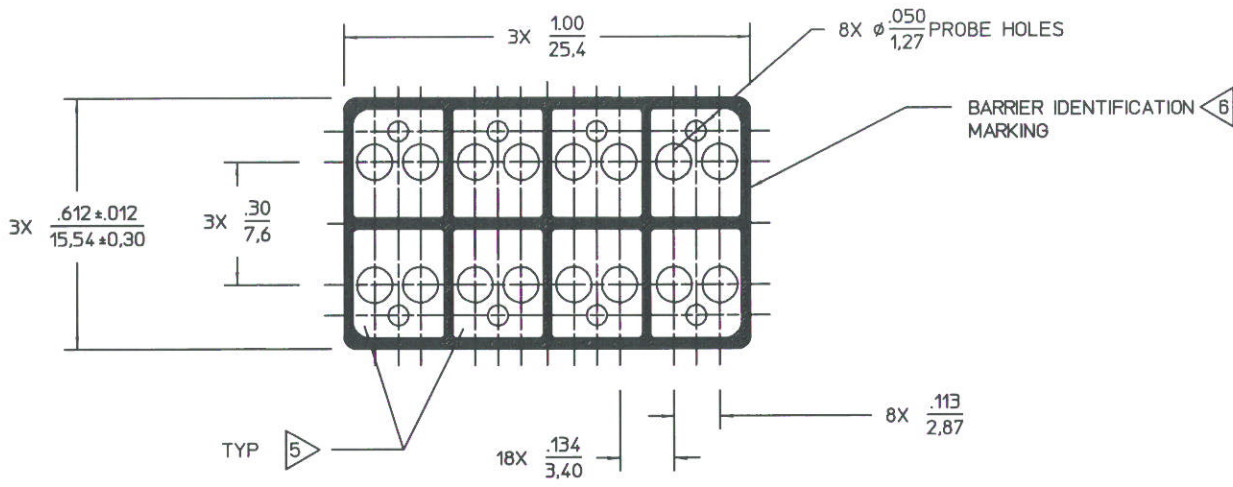
DWG RELEASED TO CENTRAL FILE 06-10-96

CAGE NO. 09922 ECN 3556 PC 862

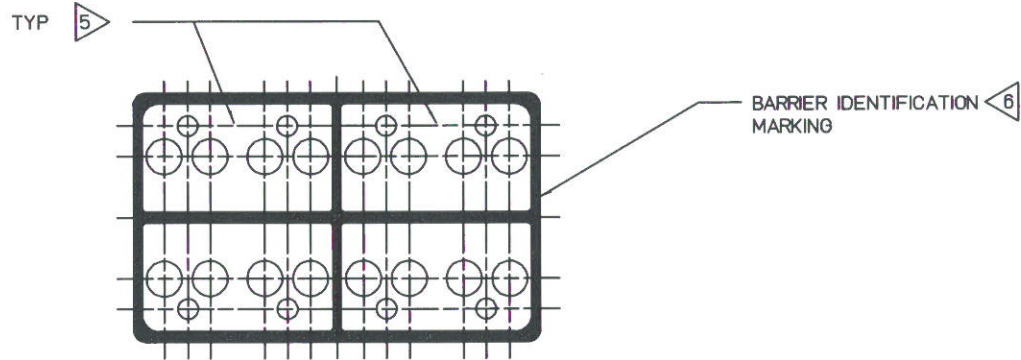
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| | | |
|--|---------------|-----------|
| LINEAR MEASURE: | INCH mm | INCH [mm] |
| THIRD ANGLE PROJECTION | | |
| | | |
| - TOLERANCES - UNLESS OTHERWISE SPECIFIED | | |
| NO OF DECIMAL PLACES IN INCHES | INCH [mm] | |
| ONE PLACE | ±.1 [±3] | |
| TWO PLACES | ±.02 [±0.5] | |
| THREE PLACES | ±.005 [±0.13] | |
| ANGLES ±1° | | |

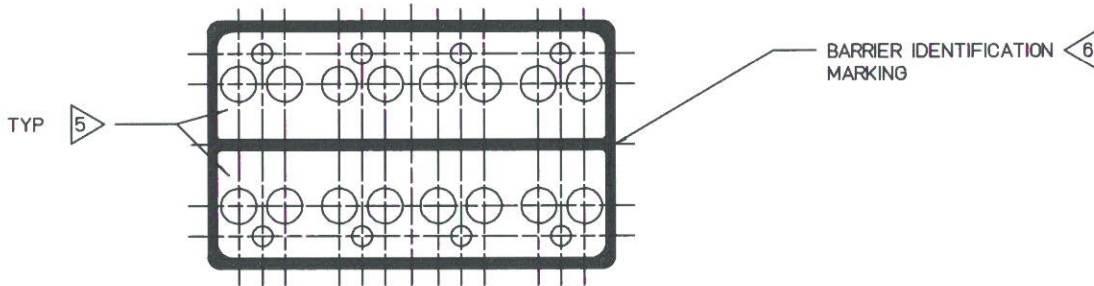
| | | | |
|---------------------|------|-----|----------|
| APPROVAL | DRWN | DWJ | 05-31-80 |
| | CHKD | SFP | 10-16-80 |
| | DSGN | LAS | 10-24-80 |
| | MKT | FG | 05-31-96 |
| | QC | ZR | 06-05-96 |
| DRAWING SCALE 2 : 1 | | | |
| DRAWING NO | | REV | |
| SA84122 | | 9 | |
| SHEET 4 OF 5 | | | |



YHLZ16-2 (BACM15C3A)
8 UNITS OF 2 BUSSED TOGETHER



YHLZ16-4 (BACM15C3B)
4 UNITS OF 4 BUSSED TOGETHER



YHLZ16-8 (BACM15C3C)
2 UNITS OF 8 BUSSED TOGETHER

| | | | | |
|-----|----------------------------|-----|------|------|
| --- | ALL REV. RECORDED ON SHT 1 | --- | --- | --- |
| REV | REVISION DESCRIPTION | BY | CHKD | DATE |

HIGH DENSITY YHLZ TERMINAL BLOCK MODULES

CAT NO. YHLZ16- (SEE TABLE)

DWG RELEASED TO CENTRAL FILE XX-XX-XX

CAGE NO. 09922 | ECN 3556 | PC 862

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| | | |
|--|---------------|-----------|
| 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° | | |



| | |
|--------------------------------------|-------------------|
| A P P R O V A L | DRWN DWJ 05-31-80 |
| | CHKD SFP 10-16-80 |
| | DSGN LAS 10-24-80 |
| | MKT FG 05-31-96 |
| | QC ZR 06-05-96 |
| DRAWING SCALE 2 : 1 | |
| DRAWING NO | REV |
| SA84122 | 9 |
| SHEET 5 OF 5 | |

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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru