HIGH DENSITY YHLZ TERMINAL BLOCK MODULES

REV	REVISION DESCRIPTION	BY	CHKD	DATE
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	JJK	06-10-96

SUPERSEDES: SD84122-7

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

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

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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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

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

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

APPROVAL		
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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

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THREE PLACES	±.005 [±0,13]
ANGLES ±1°	

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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: (SEA LEVEL)	1500 VRMS
DIELECTRIC WITHSTANDING VOLTAGE: (60,000 FT.)	1000 VRMS
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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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

LINEAR MEASURE: INCH mm INCH [mm]

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THREE PLACES	±.005 [±0,13]
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APPROVAL		
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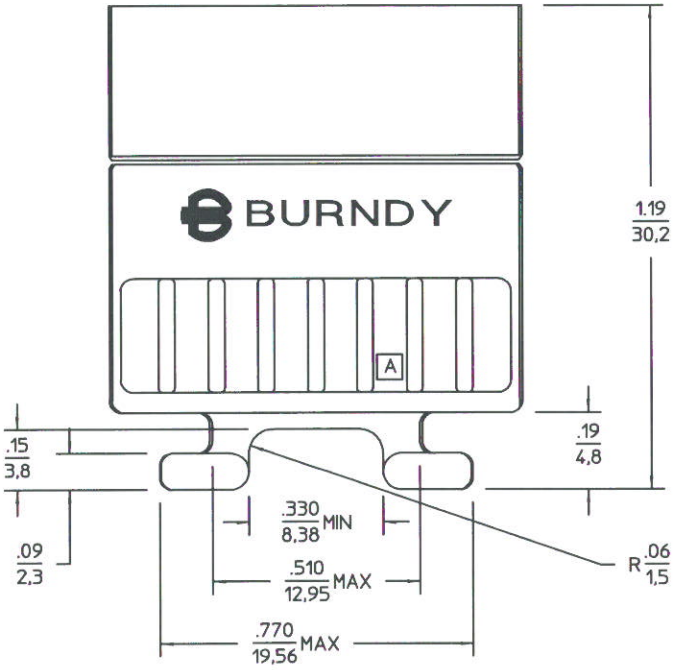
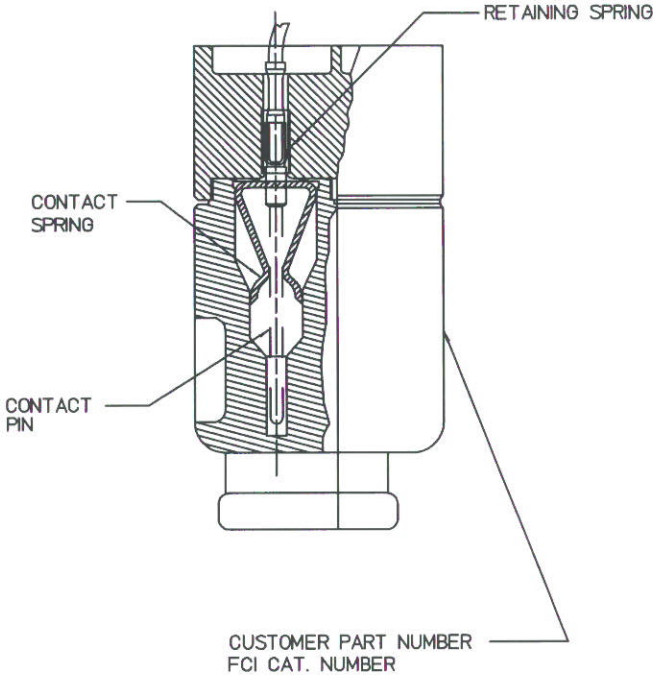
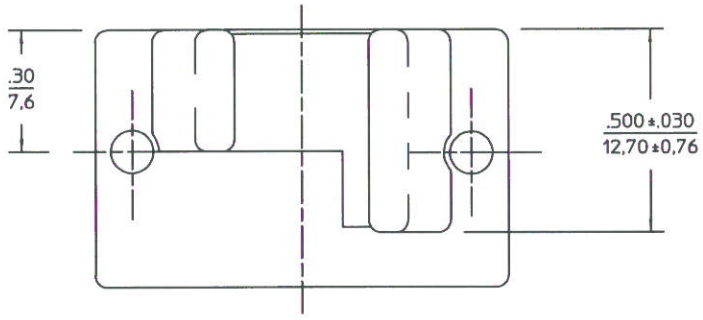
	CHKD	SFP 10-16-80
	DSGN	LAS 10-24-80
	MKT	FG 05-31-96
	QC	ZR 06-05-96

DRAWING SCALE: NONE

DRAWING NO.	REV
SA84122	9







REV	REVISION DESCRIPTION	BY	CHKD	DATE
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HIGH DENSITY YHLZ TERMINAL BLOCK MODULES

CAT NO. YHLZ16-_ (SEE TABLE)

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CAGE NO. 09922 | ECN 3556 | PC 862

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THIRD ANGLE PROJECTION

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UNLESS OTHERWISE SPECIFIED

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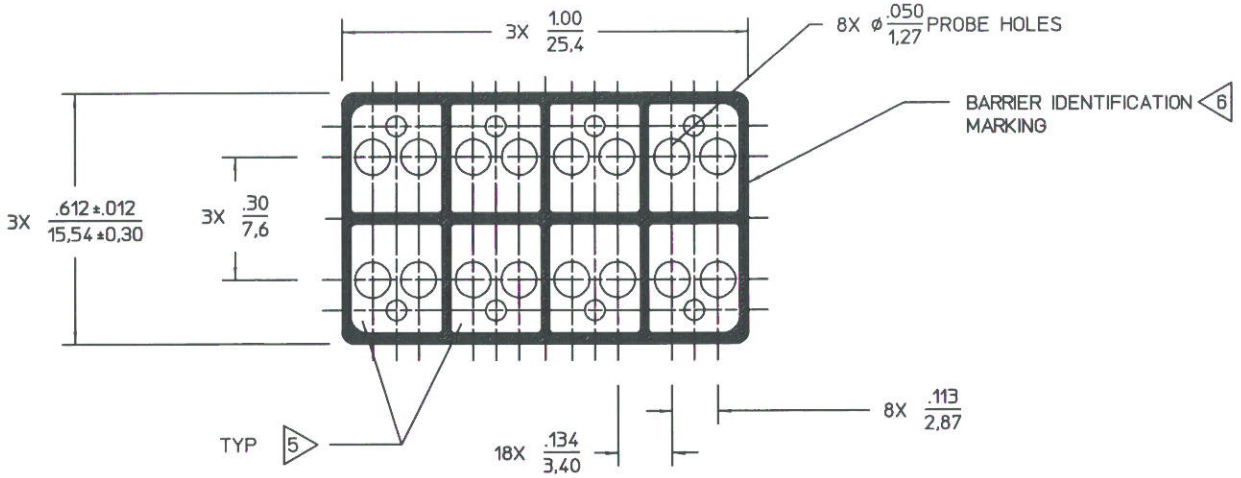
ANGLES ±1°	

SOURIAU

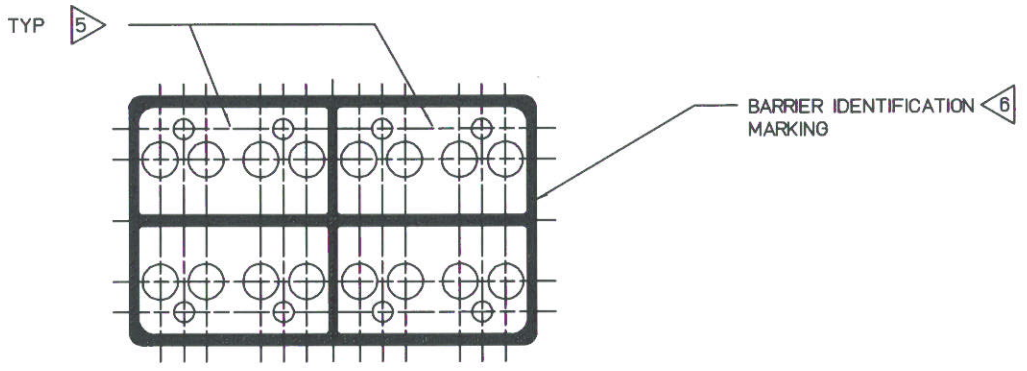
APPROVAL		
DRWN	DWJ	05-31-80
CHKD	SFP	10-16-80
DSGN	LAS	10-24-80
MKT	FG	05-31-96
QC	ZR	06-05-96

DRAWING SCALE 2 : 1

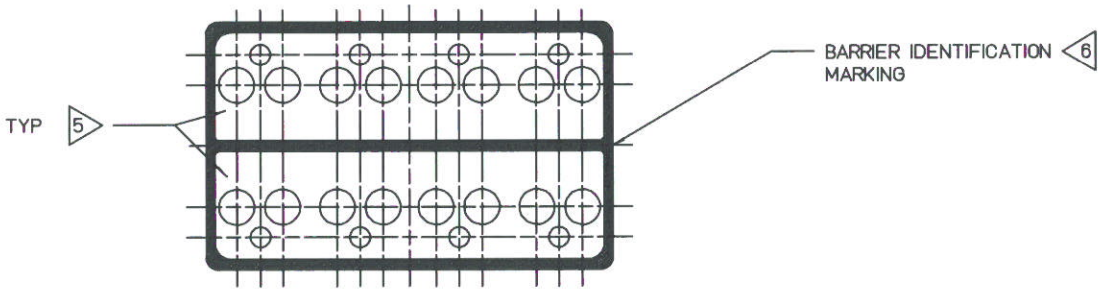
DRAWING NO	REV
SA84122	9



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

REV	REVISION DESCRIPTION	BY	CHKD	DATE
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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

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 5 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°	

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Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9