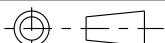


DWG. NO.
SA83900

YHLZG GROUNDING TERMINAL BLOCKS

U	REVISED PER ECN 11727	RSK 05-25-12	SDH 05-25-12
T	REVISED PER ECN 10510	RKO 04-16-08	SDH 04-16-08
S	REVISED PER ECN 10338	FLR 11-21-07	SDH 11-21-07
R	REVISED PER ECN 9725	SDH 01-04-06	SDH 01-04-06
P	REVISED PER ECN 8187	SDH 12-18-03	SDH 12-18-03
13	REVISED PER ECN 4594	SAF 07-28-00	SDH 07-28-00
12	REVISED PER ECN 4401	SAF 07-09-99	TMN 07-09-99
11	SHT 2: MATERIAL FOR GROUND BUS BODY, ALUMINUM ALLOY QQA591 HAS BEEN SUPERSEDED BY ASTM B85 ALLOY SC84B (ECN 3685)	NLL 03-25-97	JDA 03-25-97
10	REVISED AND REDRAWN. DWG SIZE WAS 'E' SUPERSEDES DWGS SE83900 AND SE83907. SHT 7 ADDED ISOMETRIC SEALING TAPE VIEWS. SEE REV. REF. PRINT (ECN 3634)	FDH 01-28-97	JDA 01-28-97
REV	DESCRIPTION	BY DATE	CHKD DATE

DRAWING TITLE
YHLZG TERMINAL GROUND BLOCK MODULE ASSEMBLY

LINEAR MEASURE:  INCH [mm]	
THIRD ANGLE PROJECTION 	
TOLERANCES UNLESS OTHERWISE SPECIFIED	
No. OF PLACES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±0.02 [±.5]
THREE PLACES	±0.005 [±.13]
ANGLES ±1°	

CAT NO. YHLZG _ _ _ (SEE TABLE)		SIZE: A	
CAGE NO.: 09922		APPROVAL	
CUSTOMER		DRAWN:	RKO 04-16-08
		CHKD :	SDH 04-16-08
		DSGN :	LAS 04-25-08
		MFG :	
		QC :	
INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.		DRAWING SCALE: 1:1	
		DRAWING NO. REV	
		SA83900 U	
		1 OF 6	



DWG. NO.

SA83900

NOTES: UNLESS OTHERWISE SPECIFIED.

- 1 TERMINAL GROUND BLOCKS ACCOMMODATE SOURIAU 'YHMM' TYPE CONTACTS.
 SEE DRAWING SE66466. USE INSERTION/ REMOVAL TOOL 'J1276-_'
 SEE DRAWINGS SC58867, SC65988, SC66580 AND SC69488.

MATERIAL:

GROUND BUS BODY : DIE CAST ALUMINUM ALLOY
 MODULE CONTACT : BERYLLIUM COPPER ALLOY
 PROTECTIVE COATING : POLYURETHANE

PLATING:

GROUND BUS BODY : CHROMATE CONVERSION COATING/ ALODINE IZOD OR IRRIDITE 14-2
 PER MIL-C-5541. CLASS 3 AND MIL-C-81706. CLASS 3. METHOD C
 COLOR GOLD TO OLIVE DRAB

MODULE CONTACT : GOLD OVER COPPER.
PERFORMANCE CHARACTERISTICS:

CURRENT RATING : 70 AMPS MAX PER MODULE
 20 AMPS MAX PER CONTACT

CONTACT RESISTANCE : 1.75 MILLIOHMS
 (MOUNTING FLANGE HOLE TO
 WIRE AT END OF CONTACT)

CONTACT RETENTION : 25 LBS (111.2 NEWTONS)

THERMAL SHOCK : MIL-STD 202, METHOD 107D, CONDITION 'B' 5 CYCLES

VIBRATION : MIL-STD 202, METHOD 214. 8 HOURS EACH AXIS. ENVELOPE
 PER FIG 6 OF EACH BOEING SPEC D6-81926

SALT SPRAY : MIL-STD 202, METHOD 101D (48 HOURS)

MOISTURE RESISTANCE : MIL-STD 202, METHOD 106D (OMIT VIBRATION STEP 7b)

DURABILITY : 100 CYCLES.

CATALOG NUMBER TABLE

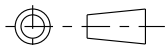
SOURIAU CAT. NO.	NO. OF CONTACT POSITIONS	MTG. FLANGE ORIENTATION
YHLZG8-1	8	RIGHT ANGLE
YHLZG8-2		STRAIGHT
YHLZG16-1	16	RIGHT ANGLE
YHLZG16-2		STRAIGHT

DRAWING TITLE

YHLZG TERMINAL GROUND BLOCK MODULE ASSEMBLY

LINEAR MEASURE:  INCH [mm]

THIRD ANGLE PROJECTION



TOLERANCES
UNLESS OTHERWISE SPECIFIED

No. OF PLACES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±0.02 [±.5]
THREE PLACES	±0.005 [±.13]
ANGLES ±1°	

CAT NO.

YHLZG _ _ _ (SEE TABLE)

CAGE NO.: 09922

SIZE: A

CUSTOMER

INTERPRET THIS DRAWING IN ACCORDANCE
WITH ASME Y14.5M - 1994.

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APPROVAL

DRAWN:	RKO	04-16-08
CHKD :	SDH	04-16-08
DSGN :	LAS	04-25-08
MFG :		
QC :		

DRAWING SCALE: 1:1

DRAWING NO. REV

SA83900

U

2 OF 6

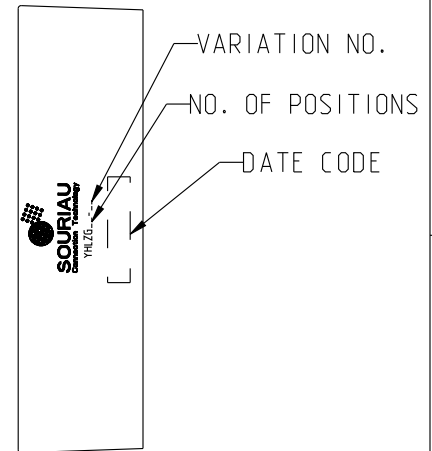
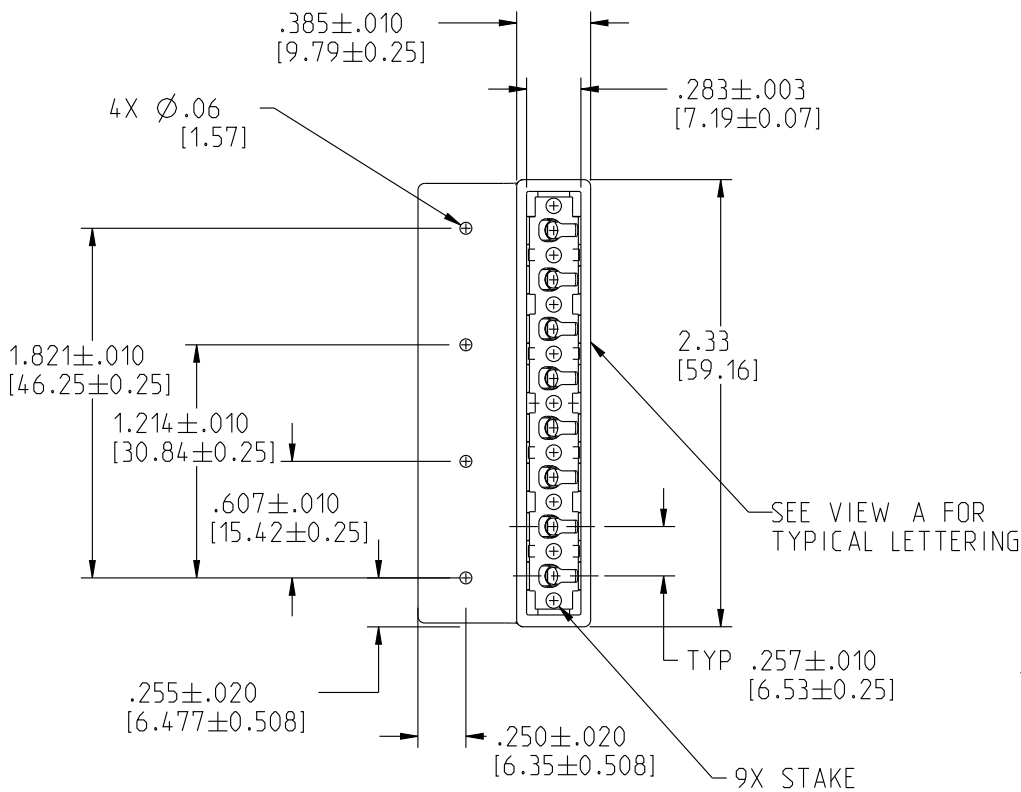
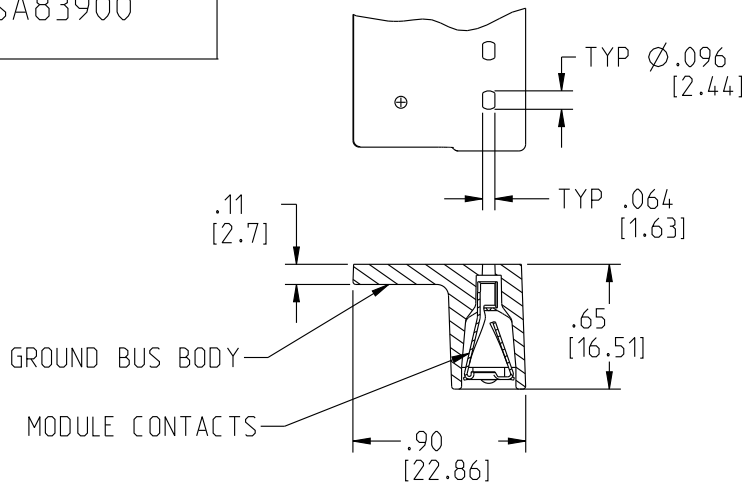
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DWG. NO.

SA83900



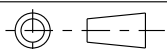
TYPICAL LETTERING
FOR ALL SIZES
YHLZG8-1 SHOWN

YHLZG8-1
WEIGHT 30 GRAMS

DRAWING TITLE
YHLZG TERMINAL GROUND BLOCK MODULE ASSEMBLY

LINEAR MEASURE:  INCH [mm]

THIRD ANGLE PROJECTION



TOLERANCES
UNLESS OTHERWISE SPECIFIED

No. OF PLACES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±0.02 [±.5]
THREE PLACES	±0.005 [±.13]
ANGLES ±1°	

CAT NO.

YHLZG _ _ _ (SEE TABLE)

CAGE NO.: 09922

SIZE: A

CUSTOMER

INTERPRET THIS DRAWING IN ACCORDANCE
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APPROVAL

DRAWN:	RKO	04-16-08
CHKD :	SDH	04-16-08
DSGN :	LAS	04-25-08
MFG :		
QC :		

DRAWING SCALE: 1:1

DRAWING NO. REV

SA83900

U

3 OF 6

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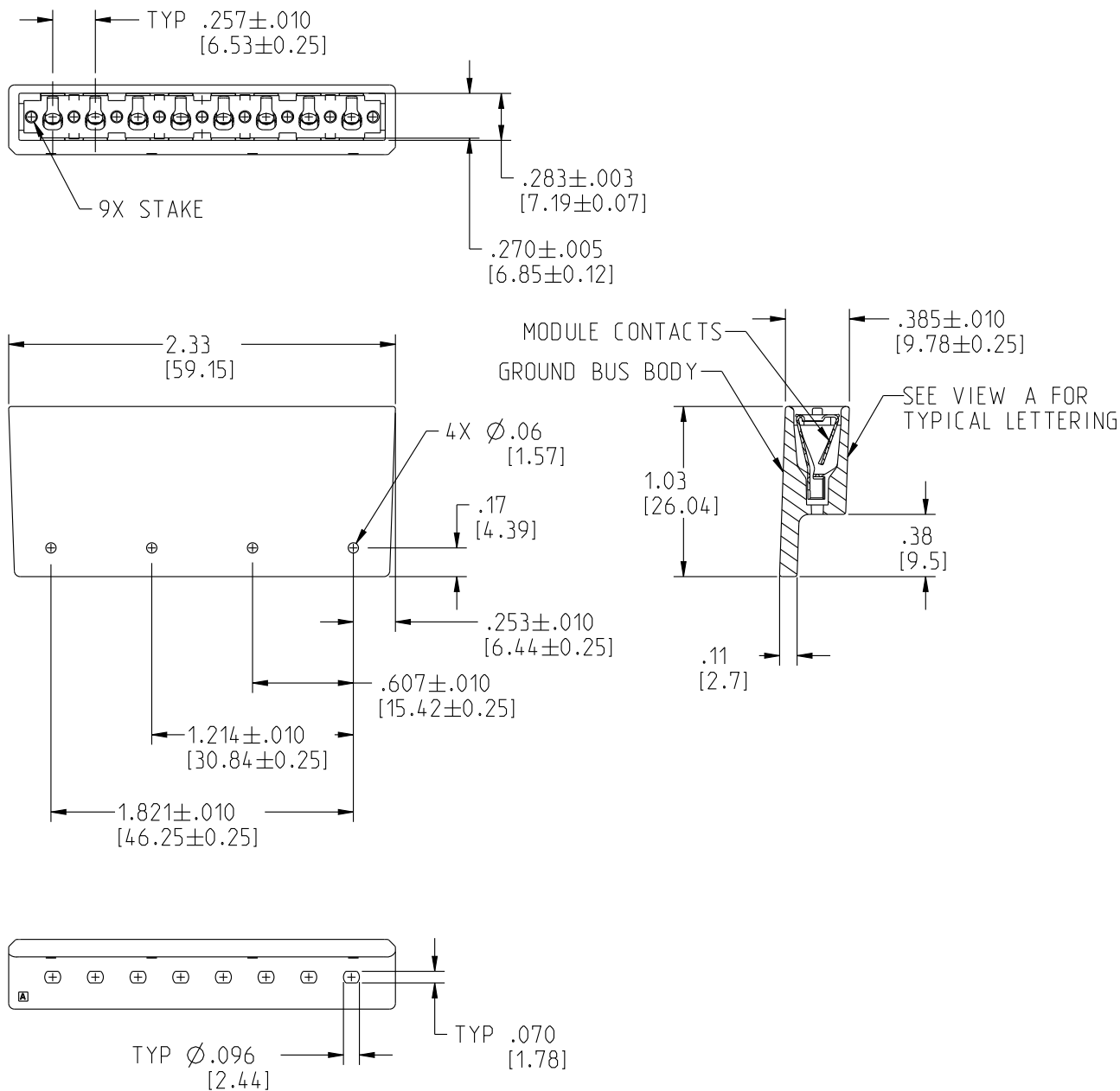
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WEIGHT 30 GRAMSDRAWING TITLE
YHLZG TERMINAL GROUND BLOCK MODULE ASSEMBLY

LINEAR MEASURE: INCH [mm]

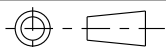
CAT NO.

YHLZG _ _ _ (SEE TABLE)

THIRD ANGLE PROJECTION

CAGE NO.: 09922

SIZE: A

TOLERANCES
UNLESS OTHERWISE SPECIFIED**CUSTOMER**

No. OF PLACES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±0.02 [±.5]
THREE PLACES	±0.005 [±.13]
ANGLES	±1°

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WITH ASME Y14.5M - 1994.

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APPROVAL

DRAWN:	RKO	04-16-08
CHKD :	SDH	04-16-08
DSGN :	LAS	04-25-08
MFG :		
QC :		

DRAWING SCALE: 1:1

DRAWING NO. REV

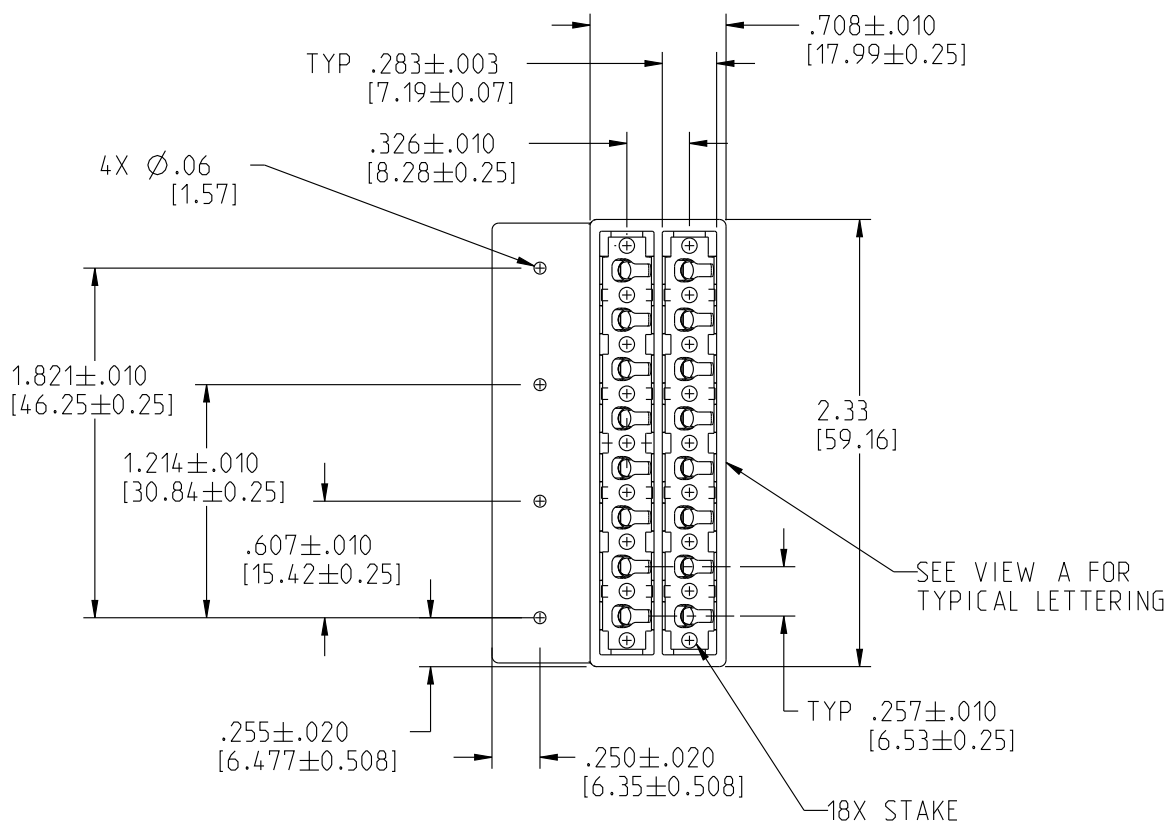
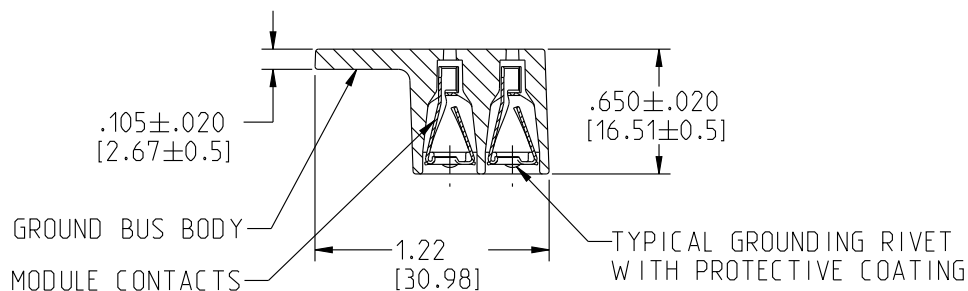
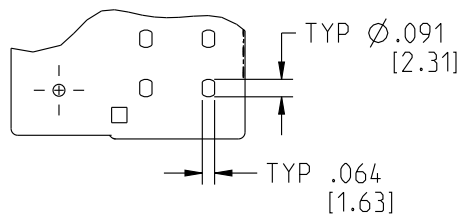
SA83900

U

4 OF 6

DWG. NO.

SA83900



YHLZG16-1
WEIGHT 50 GRAMS

DRAWING TITLE

YHLZG TERMINAL GROUND BLOCK MODULE ASSEMBLY

LINEAR MEASURE: $\frac{\text{INCH}}{\text{mm}}$ INCH [mm]

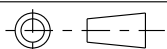
CAT NO.

YHLZG _ _ _ (SEE TABLE)

THIRD ANGLE PROJECTION

CAGE NO.: 09922

SIZE: A



TOLERANCES
UNLESS OTHERWISE SPECIFIED

CUSTOMER

No. OF PLACES	INCH [mm]
ONE PLACE	$\pm .1$ [± 3]
TWO PLACES	± 0.02 [$\pm .5$]
THREE PLACES	± 0.005 [$\pm .13$]
ANGLES $\pm 1^\circ$	

INTERPRET THIS DRAWING IN ACCORDANCE
WITH ASME Y14.5M - 1994.



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APPROVAL

DRAWN:	RKO	04-16-08
CHKD :	SDH	04-16-08
DSGN :	LAS	04-25-08
MFG :		
QC :		

DRAWING SCALE: 1:1

DRAWING NO. REV

SA83900

U

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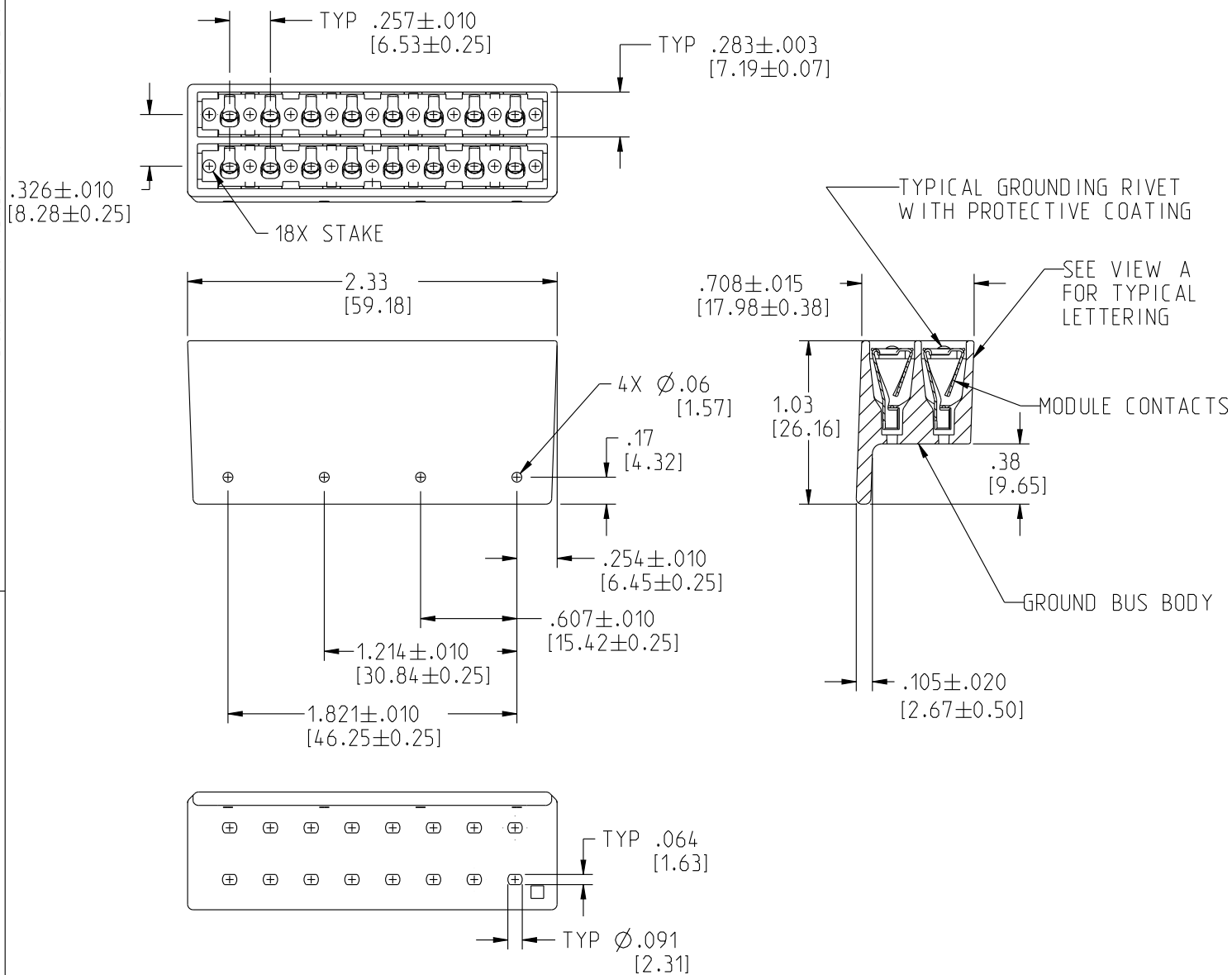
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DWG. NO.

SA83900

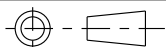
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WEIGHT 50 GRAMSDRAWING TITLE
YHLZG TERMINAL GROUND BLOCK MODULE ASSEMBLY

LINEAR MEASURE: INCH [mm]

THIRD ANGLE PROJECTION

TOLERANCES
UNLESS OTHERWISE SPECIFIED

No. OF PLACES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±0.02 [±.5]
THREE PLACES	±0.005 [±.13]
ANGLES ±1°	

CAT NO.

YHLZG _ _ _ (SEE TABLE)

CAGE NO.: 09922

SIZE: A

CUSTOMERINTERPRET THIS DRAWING IN ACCORDANCE
WITH ASME Y14.5M - 1994.www.souriau.com

APPROVAL

DRAWN:	RKO	04-16-08
CHKD :	SDH	04-16-08
DSGN :	LAS	04-25-08
MFG :		
QC :		

DRAWING SCALE: 1:1

DRAWING NO. REV

SA83900

U

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