

DWG. NO.
SA83900

YHLZG GROUNDING TERMINAL BLOCKS

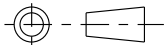
U	REVISED PER ECN 11727	RSK 05-25-12	SDH 05-25-12
T	REVISED PER ECN 10510	RKO 04-16-08	SDH 04-16-08
S	REVISED PER ECN 10338	FLR 11-21-07	SDH 11-21-07
R	REVISED PER ECN 9725	SDH 01-04-06	SDH 01-04-06
P	REVISED PER ECN 8187	SDH 12-18-03	SDH 12-18-03
13	REVISED PER ECN 4594	SAF 07-28-00	SDH 07-28-00
12	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11	SHT 2: MATERIAL FOR GROUND BUS BODY, ALUMINUM ALLOY QQA591 HAS BEEN SUPERSEDED BY ASTM B85 ALLOY SC84B (ECN 3685)	NLL 03-25-97	JDA 03-25-97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)

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

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NOTES: UNLESS OTHERWISE SPECIFIED.

- 1 TERMINAL GROUND BLOCKS ACCOMODATE 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

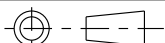
VIBRATION : MIL-STD 202, METHOD 214. 8 HOURS EACH AXIS. ENVELOPE
PER FIG 6 OF EACH BOEING SPEC D6-81926

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]		CAT NO.	
THIRD ANGLE PROJECTION 		YHLZG _ _ _ (SEE TABLE)	
TOLERANCES UNLESS OTHERWISE SPECIFIED		CAGE NO.: 09922	
No. OF PLACES INCH [mm]		SIZE: A	
ONE PLACE ±.1 [±3]		 SOURIAU Connection Technology www.souriau.com	
TWO PLACES ±0.02 [±.5]			
THREE PLACES ±0.005 [±.13]			
ANGLES ±1°			
CUSTOMER		APPROVAL	
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		CHKD : SDH 04-16-08	
		DSGN : LAS 04-25-08	
		MFG :	
		QC :	
		DRAWING SCALE: 1:1	
		DRAWING NO. REV	
		SA83900 U	
		2 OF 6	

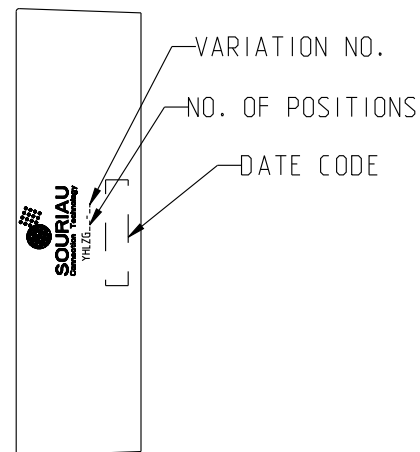
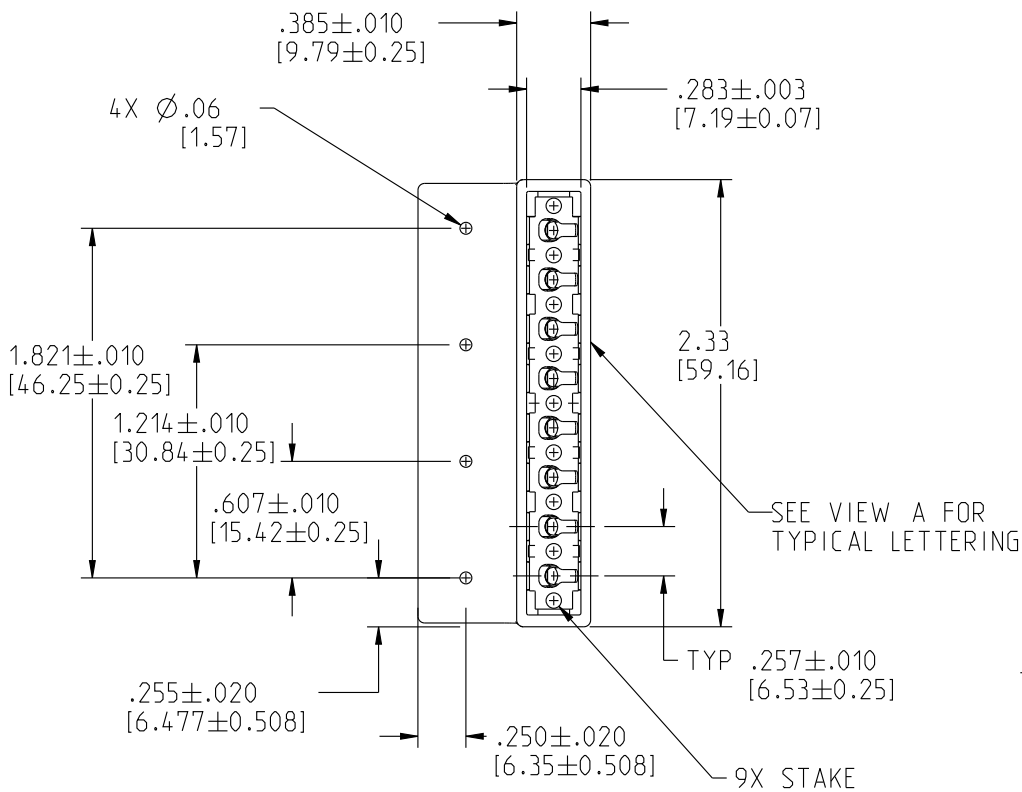
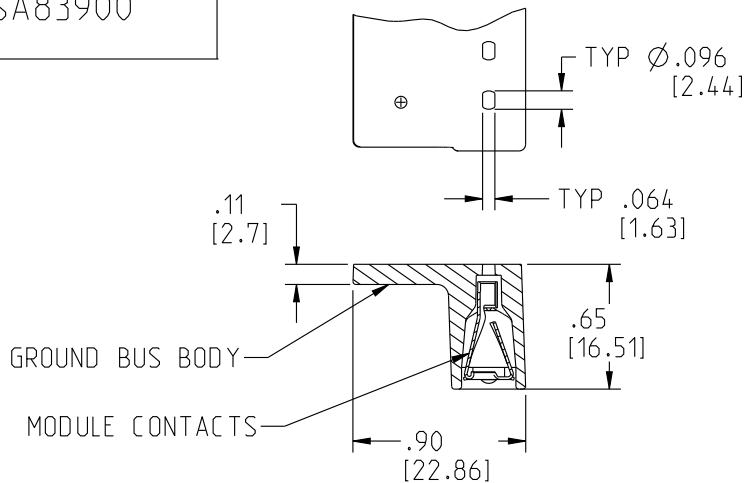
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DWG. NO.

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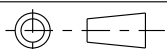
TYPICAL LETTERING
FOR ALL SIZES
YHLZG8-1 SHOWN

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	$\pm .1$ [± 3]
TWO PLACES	± 0.02 [$\pm .5$]
THREE PLACES	± 0.005 [$\pm .13$]
ANGLES $\pm 1^\circ$	

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

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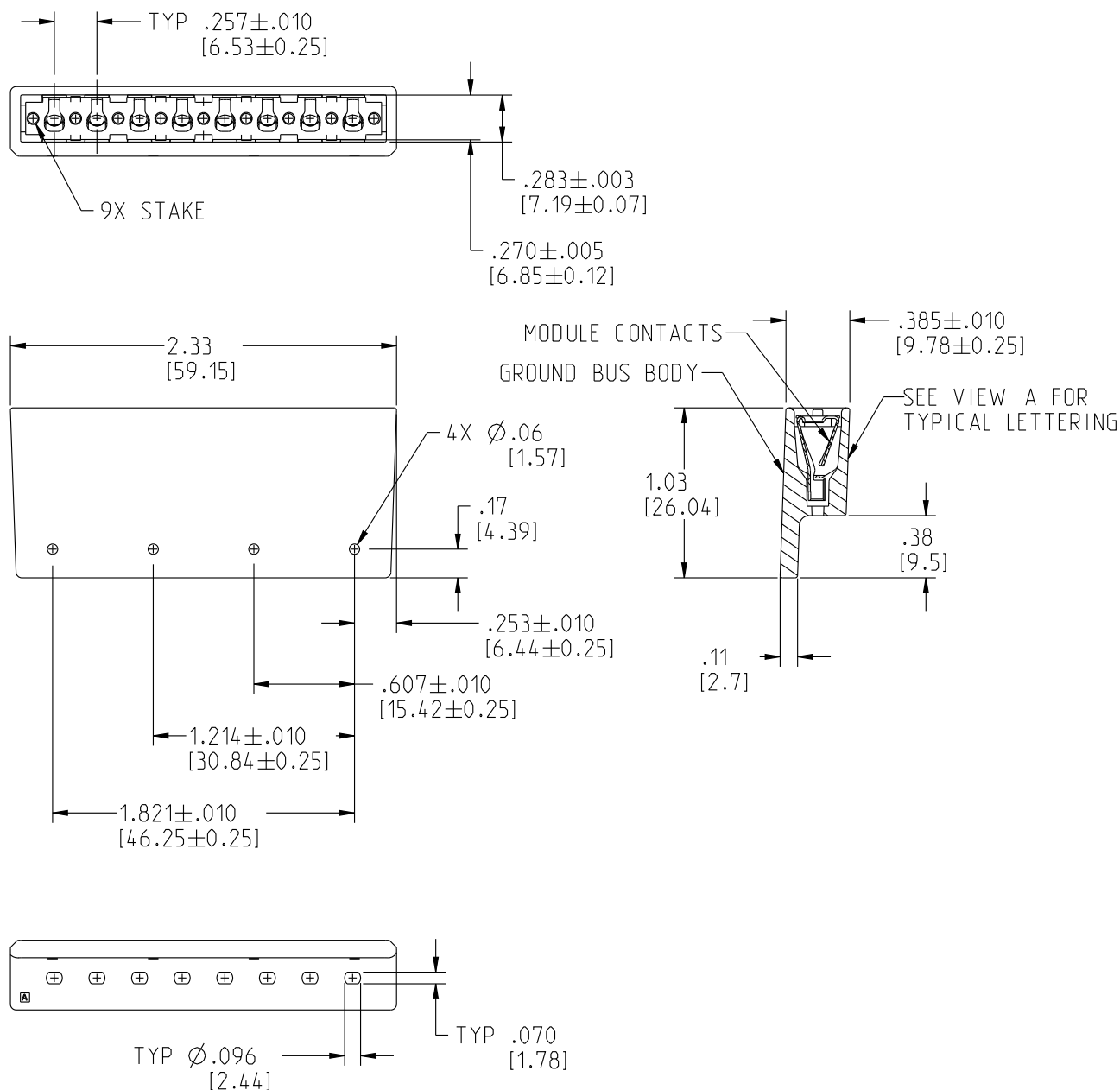
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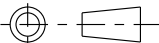
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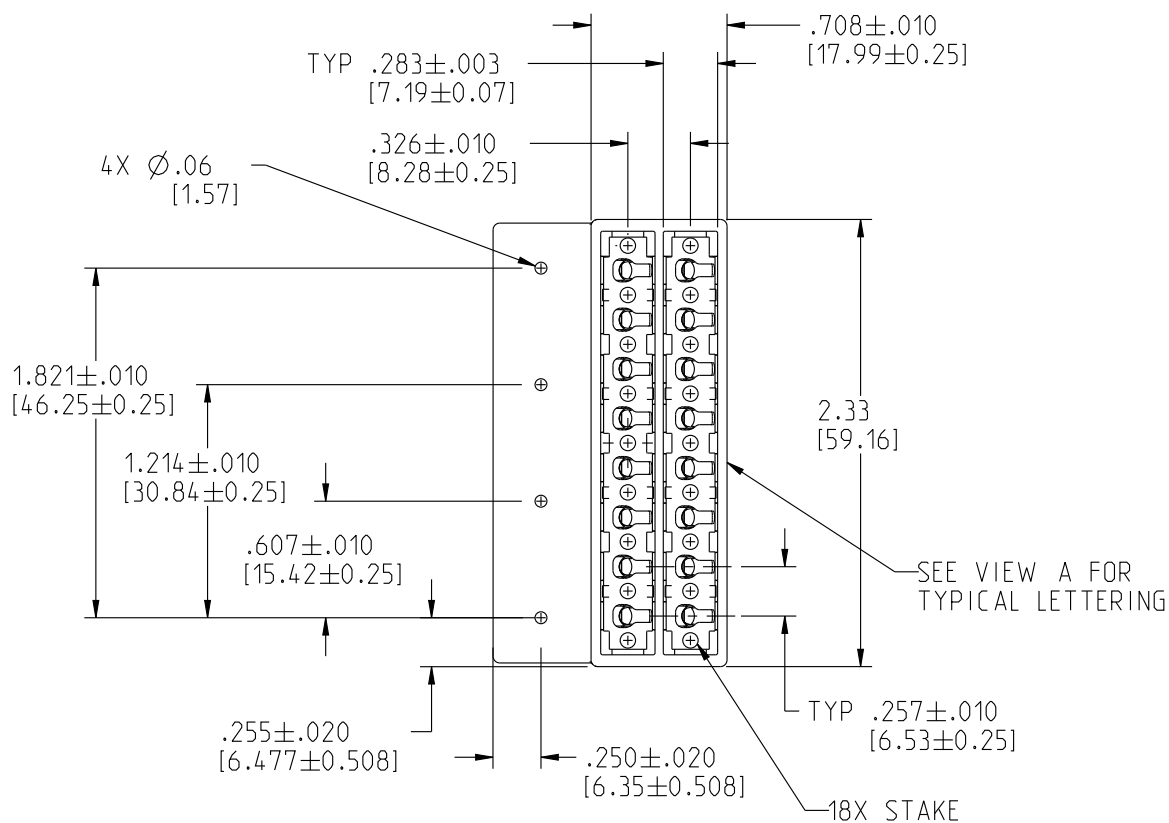
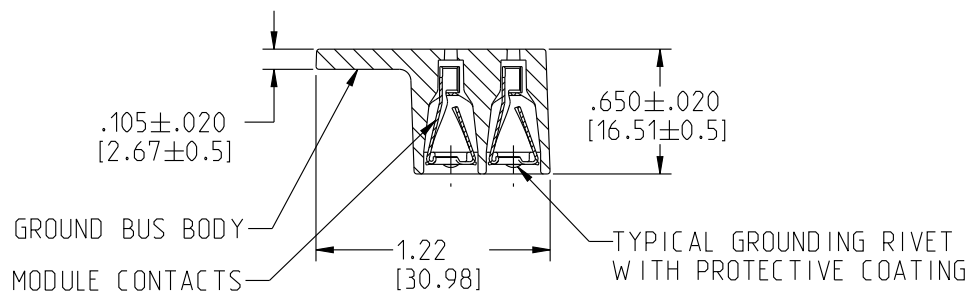
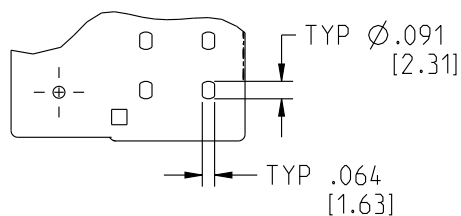


YHLZG8-2
WEIGHT 30 GRAMS

		DRAWING TITLE			
		YHLZG TERMINAL GROUND BLOCK MODULE ASSEMBLY			
LINEAR MEASURE:  INCH [mm]		CAT NO.			
		YHLZG _ _ _ (SEE TABLE)			
THIRD ANGLE PROJECTION		CAGE NO.: 09922		SIZE: A	
		CUSTOMER		 SOURIAU Connection Technology	
TOLERANCES UNLESS OTHERWISE SPECIFIED					
No. OF PLACES	INCH [mm]	INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.			
ONE PLACE	±.1 [±3]				
TWO PLACES	±0.02 [±.5]				
THREE PLACES	±0.005 [±.13]				
ANGLES ±1°		 SOURIAU Connection Technology 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	
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				4 OF 6	

DWG. NO.

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YHLZG16-1
WEIGHT 50 GRAMS

DRAWING TITLE **YHLZG TERMINAL GROUND BLOCK MODULE ASSEMBLY**

LINEAR MEASURE: INCH [mm]

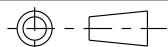
CAT NO.

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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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

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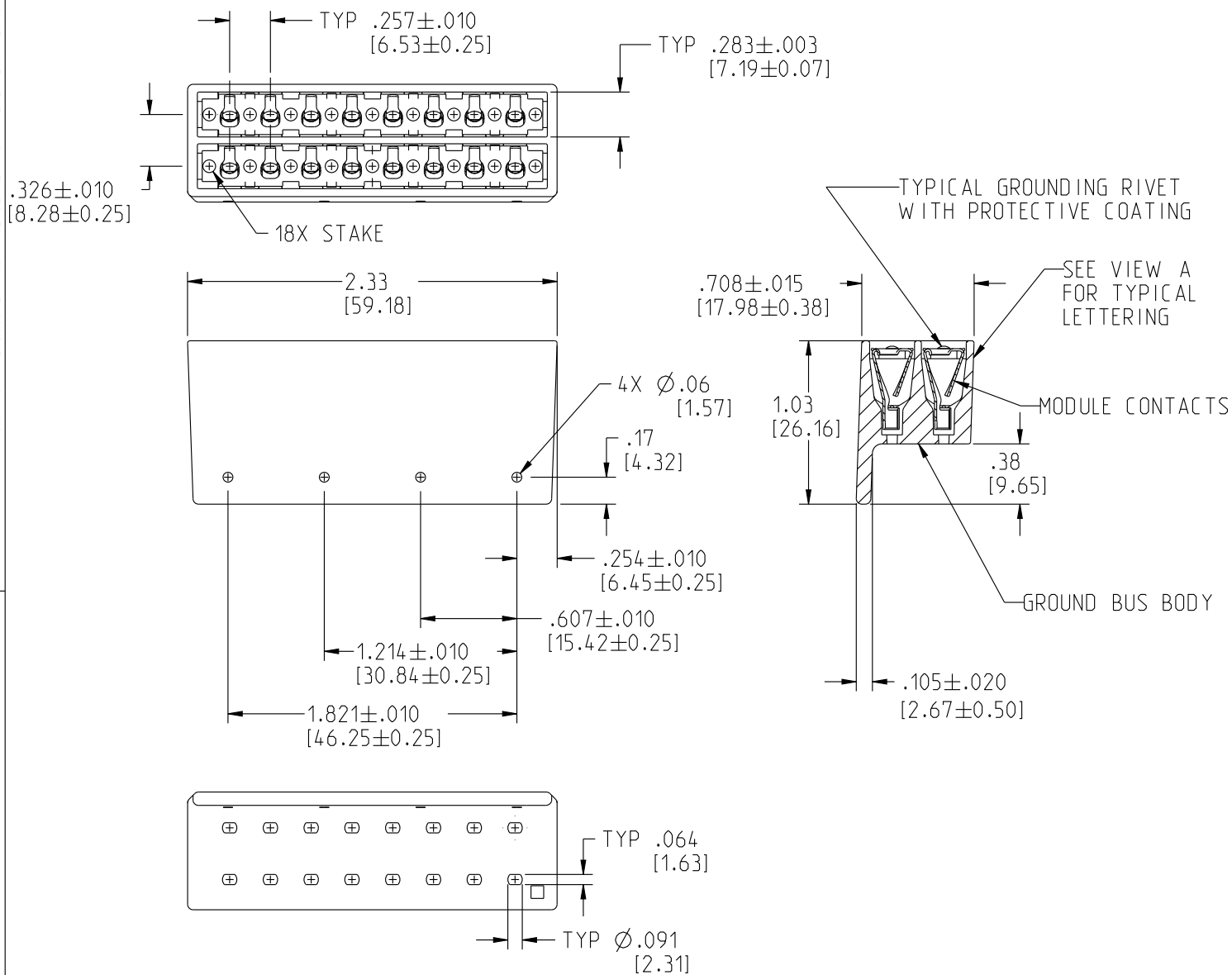
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DRAWING TITLE YHLZG TERMINAL GROUND BLOCK MODULE ASSEMBLY

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

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

DRAWING SCALE: 1:1

DRAWING NO. REV

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