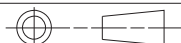


YHLZ TERMINAL BLOCK MODULES

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		 SOURIAU Connection Technology				MKT FG 05-31-96
NO OF DECIMAL PLACES IN INCHES INCH [mm]						QC ZR 06-05-96
ONE PLACE ±.1 [±3]					DRAWING SCALE NONE	
TWO PLACES ±.02 [±0.5]					DRAWING NO	REV
THREE PLACES ±.005 [±0.13]					SA75001 14	
ANGLES ±1°		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

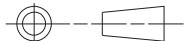
FINISH:

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

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

			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 05-22-73		
- TOLERANCES - UNLESS OTHERWISE SPECIFIED			 SOURIAU Connection Technology				MKT FG 05-31-96		
							QC ZR 06-05-96		
							DRAWING SCALE: NONE		
						DRAWING NO.		REV	
						SA75001		14	
NO OF DECIMAL PLACES IN INCHES			INCH [mm]						
ONE PLACE			±.1 [±3]						
TWO PLACES			±.02 [±0.5]						
THREE PLACES			±.005 [±0.13]						
ANGLES ±1°								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.

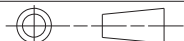
---	ALL REV. RECORDED ON SHT 1	---	---	---
REV	REVISION DESCRIPTION	BY	CHKD	DATE

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°	

DWG RELEASED TO CENTRAL FILE 06-10-96
CAGE NO. 09922 ECN 3556 PC 862
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APPROVAL	DRWN	THC	01-04-73
	CHKD	TJS	05-21-73
	DSGN	JB	05-22-73
	MKT	FG	05-31-96
	QC	ZR	06-05-96
DRAWING SCALE: NONE			
DRAWING NO.			REV
SA75001			14
SHEET 3 OF 6			

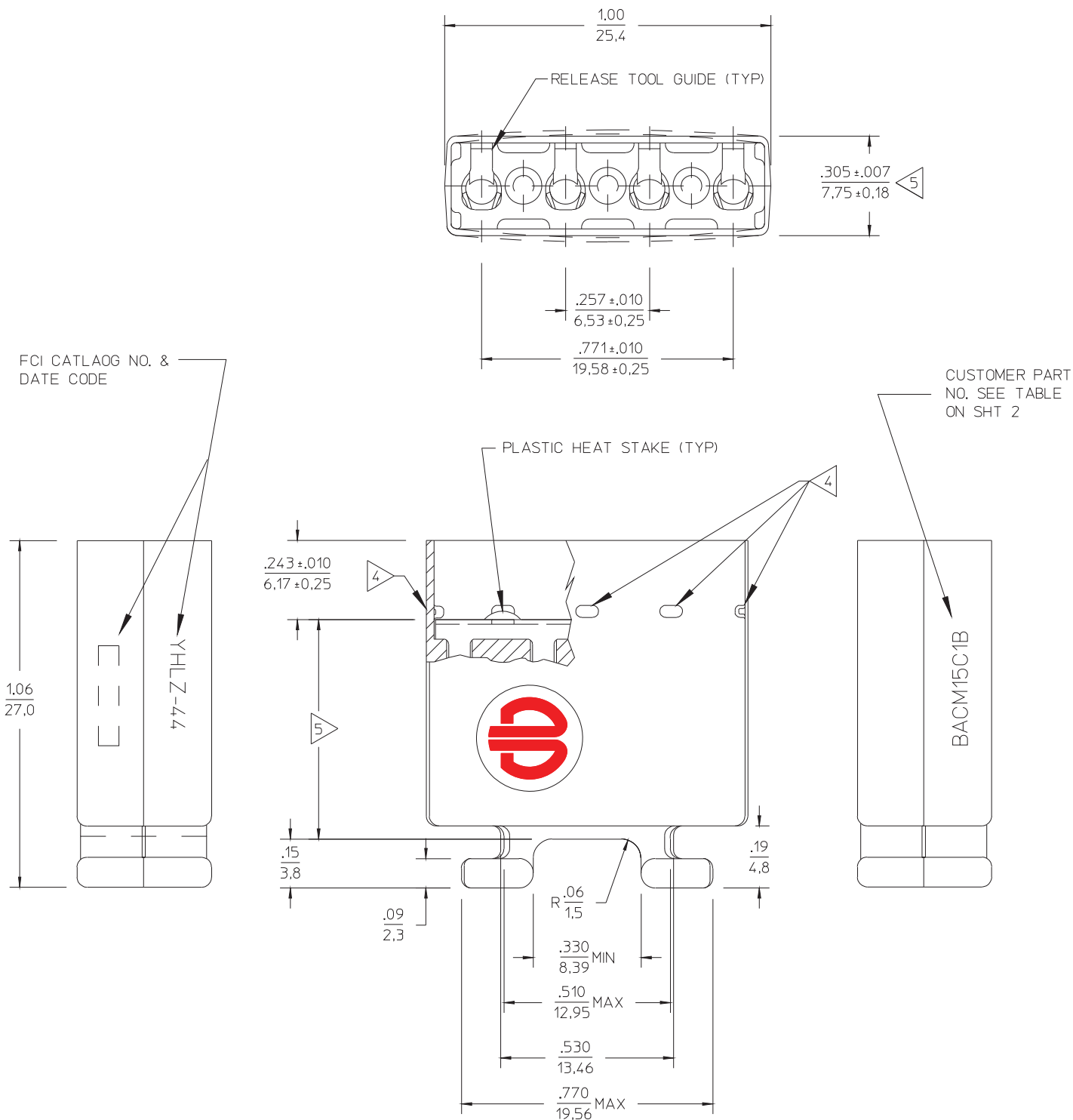


FIGURE 1

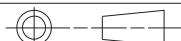
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REV	REVISION DESCRIPTION	BY	CHKD	DATE

YHLZ TERMINAL BLOCK MODULE ASSEMBLY

CAT NO. YHLZ-44_ (SEE TABLE)

LINEAR MEASURE: INCH mm INCH [mm]

THIRD ANGLE PROJECTION



- 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

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APPROVAL	DRWN	THC	01-04-73
	CHKD	TJS	05-21-73
	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

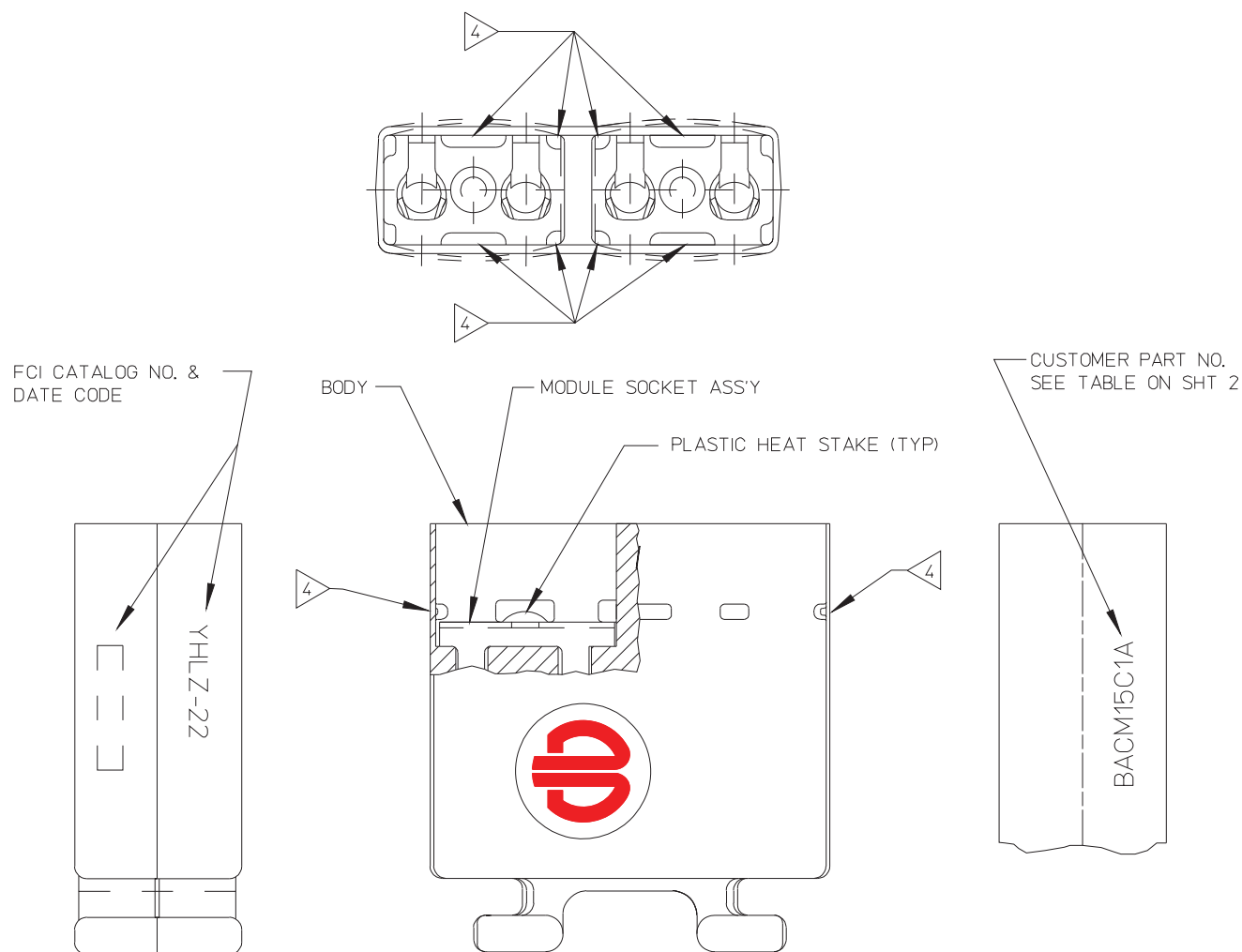


FIGURE 2

SEE FIG. 1 FOR
ALL DIMENSIONS

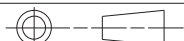
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REV	REVISION DESCRIPTION	BY	CHKD	DATE

YHLZ TERMINAL BLOCK MODULE ASSEMBLY

CAT NO. YHLZ-22_ (SEE TABLE)

LINEAR MEASURE: INCH mm INCH [mm]

THIRD ANGLE PROJECTION



- TOLERANCES -
UNLESS OTHERWISE SPECIFIED

NO OF DECIMAL PLACES IN INCHES	INCH [mm]
ONE PLACE	$\pm.1$ [$\pm.3$]
TWO PLACES	$\pm.02$ [± 0.5]
THREE PLACES	$\pm.005$ [± 0.13]

ANGLES $\pm 1^\circ$

DWG RELEASED TO CENTRAL FILE 06-10-96

CAGE NO. 09922 ECN 3556 PC 862

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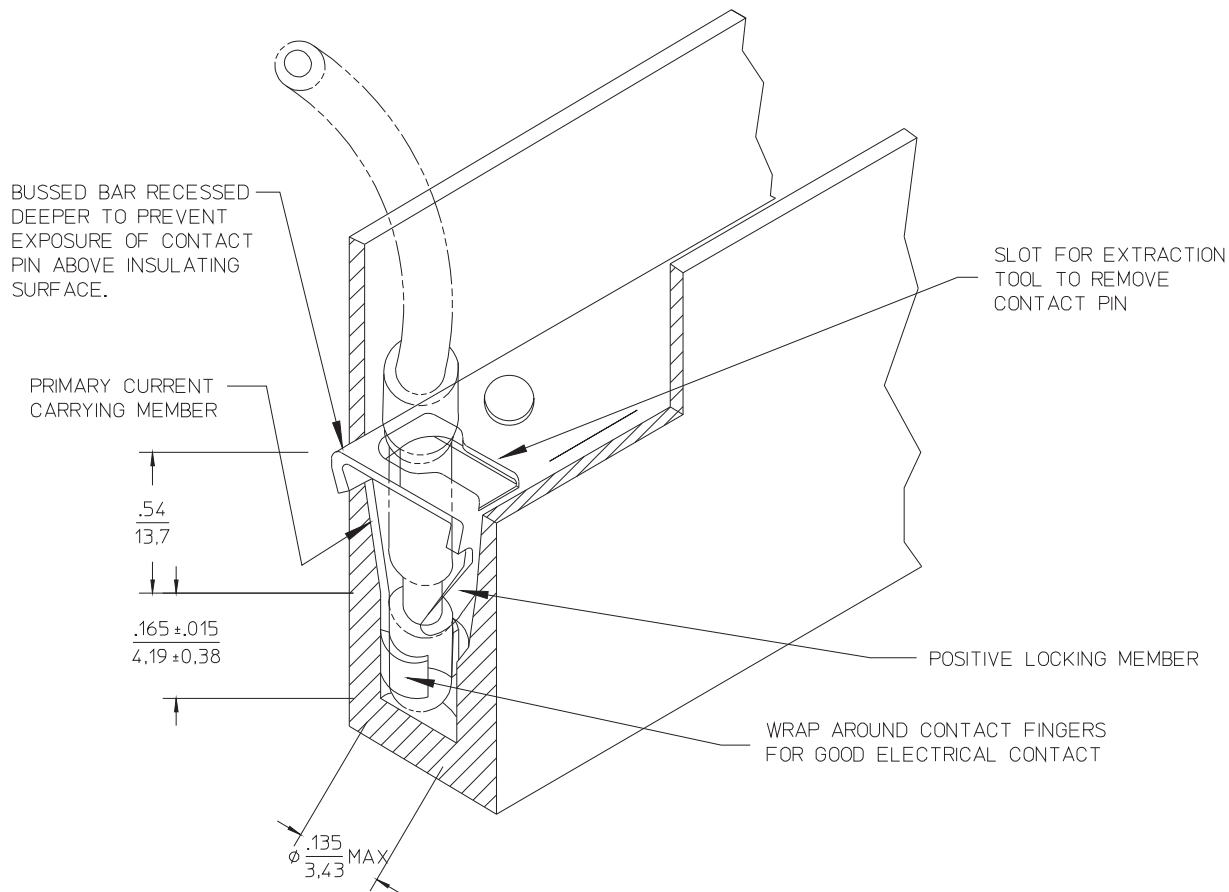
A D D I T I O N A L	DRWN	THC	01-04-73
	CHKD	TJS	05-21-73
	DSGN	JB	05-22-73
	MKT	FG	05-31-96
	QC	ZR	06-05-96

DRAWING SCALE 2 : 1

DRAWING NO REV

SA75001 14

SHEET 5 OF 6



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

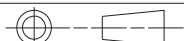
---	ALL REV. RECORDED ON SHT 1	---	---	---
REV	REVISION DESCRIPTION	BY	CHKD	DATE

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]
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ANGLES ±1°

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DRWN	THC	01-04-73
CHKD	TJS	05-21-93
DSGN	JB	05-22-93
MKT	FG	05-31-96
QC	ZR	06-05-96

DRAWING SCALE: NONE

DRAWING NO. REV

SA75001 14

SHEET 6 OF 6