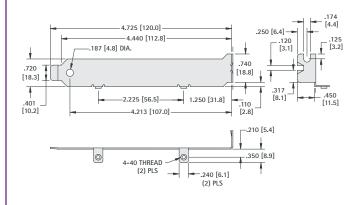
## STANDARD BLANK BRACKETS



These computer brackets have been designed to accommodate a large variety of board sizes and heights. Available with tabs located properly for ESA/EISA or PCI formats. Blanks can be machined or stamped for prototype or low volume production. All brackets are nickel plated for a clean look and a protective finish. Standard cut-outs can be added to these blanks to suit your specific production needs. See page 110-111 for standard cut-outs and design worksheet.

- · Premium quality
- Designed to fit all PC computers height brackets available
- · Blanks available for "fillers"
- Fast delivery and cost effective tooling for special designs

EISA/ISA



CAT. NO. 9202

PCI

MATERIAL: .032 (.81) thick Steel, Nickel Plate

\_

4.725 [120.0] -4.440 [112.8] .187 [4.8] DIA. -.250 [6.4] .750 .725 [19.1] [18.4] .401 .398 [10.1] -[8.4] .100 3.362 [85.4] [10.2] 4.213 [107.0] .343 [8.7] .467 [11.9] 0 4-40 THREAD (2) PLS .310 [7.9] (2) PLS

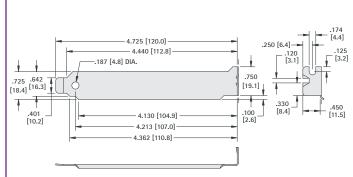
4.725 [120.0]
4.400 [112.8]
2.50 [6.4]
3.20
[3.1]
3.20
3.30
4.50
[10.2]
4.40 THREAD
3.295 [7.5]
3.20
4.40 THREAD
3.295 [7.5]
3.20
3.30
4.50
[11.5]

CAT. NO. 9203

CAT. NO. 9204

EISA/ISA or PCI

4.725 [120.0] 4.440 [112.8] -187 [4.8] DIA. -125 [13.1] -125 [3.1] -125 [3.1] -125 [3.1] -126 [19.1] -127 [19.1] -128 [19.1] -129 [19.1] -120 [19.1] -120 [19.1] -120 [19.1] -121 [19.1] -122 [19.1] -123 [107.0] · Reinforced with rib for extra strength



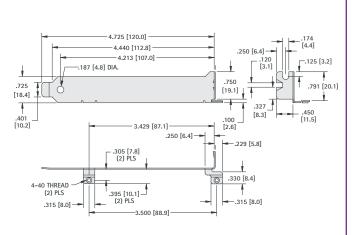
CAT. NO. 9200

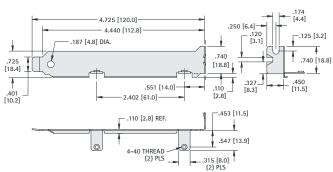
CAT. NO. 9201

COMPUTER BRACKETS

## STANDARD BLANK BRACKETS

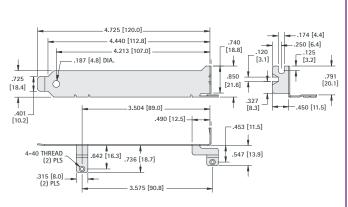
#### EISA/ISA

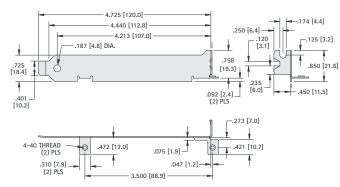




#### CAT. NO. 9205



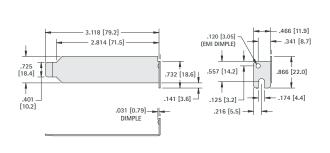


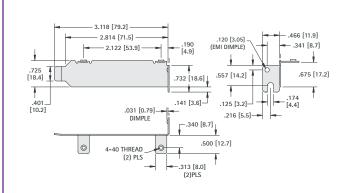


CAT. NO. 9207

#### CAT. NO. 9208

## LOW PROFILE BLANK BRACKETS





CAT. NO. 9231

KEYSTONE Rohs Compliant - ISO 9001 CERTIFIED COMPUTER BRACKETS

## STANDARD COMPUTER BRACKETS

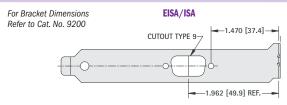
D-SUB

These computer brackets have been designed with a variety of holes and cutouts to connect most peripherals. The brackets shown reflect the most common configurations for most applications. If our standard brackets do not fit your

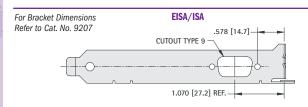
production requirements, we can fabricate a bracket to your exact specifications. Refer to pages 106 - 107 for blank dimensions and page 110 for standard cutout dimensions.

- Peripherals Video Cards
- Parallel/Serial Ports
   External Hard Drives
- External CD Drives

### 9 PIN



#### CAT. NO. 9200-1



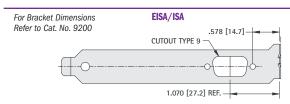
For Bracket Dimensions
Refer to Cat. No. 9200

CUTOUT TYPE 9

CUTOUT TYPE 9

2.199 [55.9] REF.

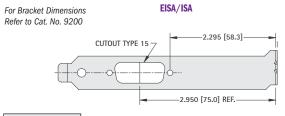
#### CAT. NO. 9200-2

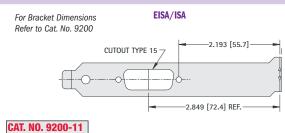


CAT. NO. 9200-16

# CAT. NO. 9207-1

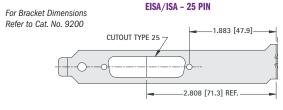
## **15 PIN**

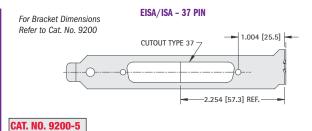




CAT. NO. 9200-3

## 25 - 37 - 50 PIN

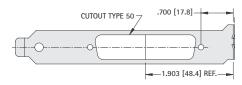




CAT. NO. 9200-4

For Bracket Dimensions Refer to Cat. No. 9200

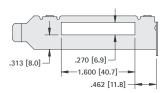
EISA/ISA - 50 PIN



CAT. NO. 9200-14

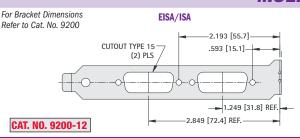
## **LOW PROFILE ACCESS PORT**

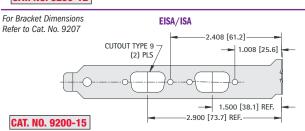
For Bracket Dimensions Refer to Cat. No. 9231

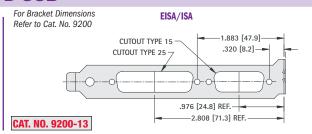


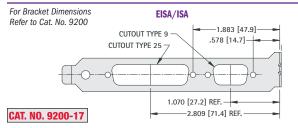
CAT. NO. 9231-1

108

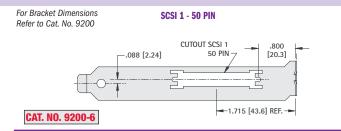


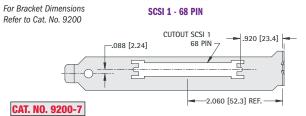


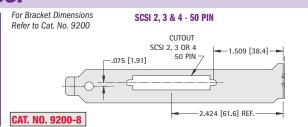


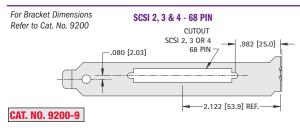


## SCSI

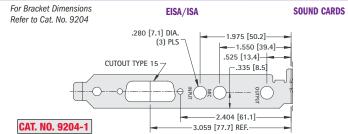


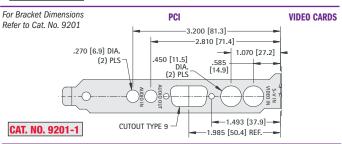


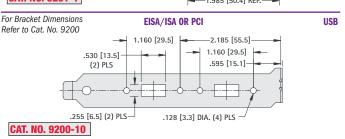


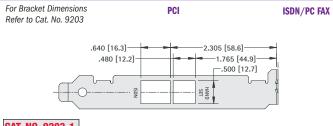


## PERIPHERAL

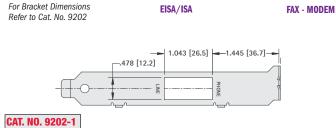


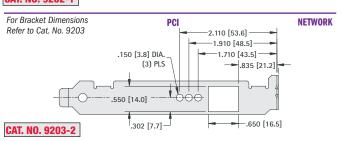






#### CAT. NO. 9203-1





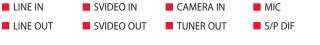
#### STANDARD PANEL CUTOUTS TYPE 9 TYPE 15 TYPE 25 .984 [25.0] 1.311 [33.3] 1.850 [47.0] -1.620 [41.2] .754 [19.2] 1.086 [27.6] - [11.2] 10° .120 [3.1] 10° .120 [3.1] DIA. .120 [3.1] (2) PLS (2) PLS DIA. DIA. (2) PLS (2) PLS (2) PLS (2) PLS TYPE 15A TYPE 9A TYPE 25A 984 [25 0] 1.311 [33.3] 1.850 [47.0] .809 [20.6] 1.138 [28.9] 1.677 [42.6] [11.2] [11.2] 10° .120 [3.1] 10° ∠.120 [3.1] DIA. - .120 [3.1] DIA (2) PLS (2) PLS (2) PLS (2) PLS (2) PLS (2) PLS TYPE 37 SCSI 1 - 50 PIN SCSI 2. 3 OR 4 - 50 PIN .393 [10.0] .393 [10.0] 2.500 [63.5] 1.830 [46.5] -1.830 [46.5] -.260 [6.6] .260 [6.6] -1.434 [36.4] → -1.434 [36.4] -2.275 [57.8] [11.2] .096 [2.5] .295 [7.5] .295 [7.5] 10° -.120 [3.1] 1.685 [42.8] 1.685 [42.8] (2) PLS DIA. 1.990 [50.6] 1.990 [50.6] (2) PLS SCSI 2.3 OR 4-68 PIN TYPE 37A SCSI 1 - 68 PIN .393 [10.0] 2.280 [57.9] 2.500 [63.5] 2.280 [57.9] 1.884 [47.9] .260 [6.6] 441 2.327 [59.1] 2.136 [54.3] .124 [3.2] [11.2] .096 [2.5] .295 [7.5] .295 [7.5] 4 10° ∠ .120 [3.1] DIA. 2.135 [54.3] (2) PLS (2) PLS 2.440 [62.0] BNC ROUND USB .125 [3.2] MIN. [13.5] .450 [11.5] .650 [16.5] MAX. .530 .255 .510 [13.0] DIA. [13.5] .223 [5.7] [6.5] .590 [15.0] .395 [10.1] **RECOMMENDED DIAMETERS** Stereo Jacks = .280 (7.1) TYPE A TYPE A TYPE B PS/2 = .650 (16.5)Phono Jacks= .400 (10.2) DUAL Mini-Din= .400 (10.2) to STACKING .650 (16.5) RJ11 -RJ45 IEEE 1394 - "FIREWIRE" .500 [12.7] .640 [16.3] -500 [12.7] .480 [12.2] .600 [15.3] .410 [10.4] -.090 [2.29] .500 [12.7] .500 [12.7] .500 [12.7] .500 [12.7] .300 [7.6] RJ11/ R 145 R I 1 1 R112 RJ12 STAMPED IDENTIFICATION MARKINGS ■ VIDEO IN AUDIO IN ■ VGA IN ■ INPUT PHONE AUDIO OUT VGA OUT VIDEO OUT OUTPUT LINE



LINE IN

110





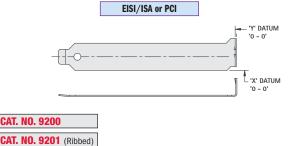








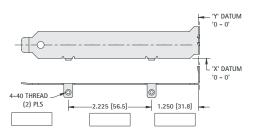
## **CUSTOM BRACKET WORKSHEET**



CAT. NO. 9200

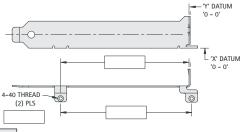
CAT. NO. 9230

#### EISA/ISA with TABS



CAT. NO. 9202

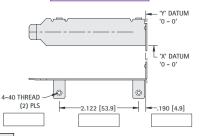
#### EISA/ISA with TABS



CAT. NO. 9205

**CAT. NO. 9207** 

#### LOW PROFILE with TABS



CAT. NO. 9231

Name:

Company

Address

Phone:

For prompt quotations fax, mail or e-mail this worksheet.

EISA/ISA with TABS

3.362 [85.4]

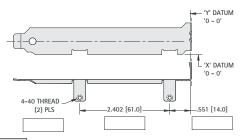
**PCI** with TABS

- 'Y' DATUM

L'X' DATUM

.398 [10.1]

(<sub>©</sub>)

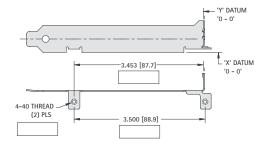


CAT. NO. 9206

4-40 THREAD (2) PLS

**CAT. NO. 9203** 

#### **EISA/ISA with TABS**



**CAT. NO. 9208** 

PCI with TAB 'Y' DATUM L 'X' DATUM 0

4-40 THREAD

-.250 [6.4]

CAT. NO. 9204

NOTE: Refer to pages 106 and 107 for overall blank dimensions

If you do not have your own drawing, please use the worksheet provided.

STEP 1: Select a standard blank configuration PCI or EISA/ISA, with or without tabs.

STEP 2: If you've selected a standard blank with tabs and the tab locations do not meet your requirements, indicate the dimensions in the boxes.

STEP 3: Select your standard panel cutouts (page 110) and place them on your selected drawing. STEP 4: Use Datum's X and Y on drawing, to indicate the precise

location of the center lines of the cutout(s). STEP 5: For stamped identification markings (page 110) indicate

STEP 6: Quantities Required: If you have any questions, please contact our application engineers.

the approximate location(s).

KEYSTONE

31-07 20th Road - Astoria, NY 11105-2017