

Date -27th July, 1998

Ref - RP-STEEL.FRP

Economy 19" Rack Panels (Steel)

INTRODUCTION :-

CASA's Economy (steel) RACK PANELS are designed to meet the requirements of the Professional and Industrial Electronics Industry for Lower Cost **Blank 19" Rack Panels** for incorporation into equipment racks and cabinets where the relatively high cost of Aluminum (and its higher finishing costs) can be avoided and where weight is NOT critical. Although harder to work these **Flat Steel Panels** may also be customized with conventional tools and machinery.

FEATURES:-

- 1) Standard UNIT heights (1U = 44.45mm=1.75") from **1-4 units** (5-12 Unit and larger panels can be made to order).
- 3) **Simple** flat design permits standard & SPECIAL, finishes and variants to be produced economically even in small quantities with features including custom punching to suit a wide range of electronic and electrical components..
- 4) All corners and edges of the panels are **CHAMFERED** to remove sharp edges and corners.
- 5) Paint and Powder Coat finishes can be readily matched to existing Systems & Components

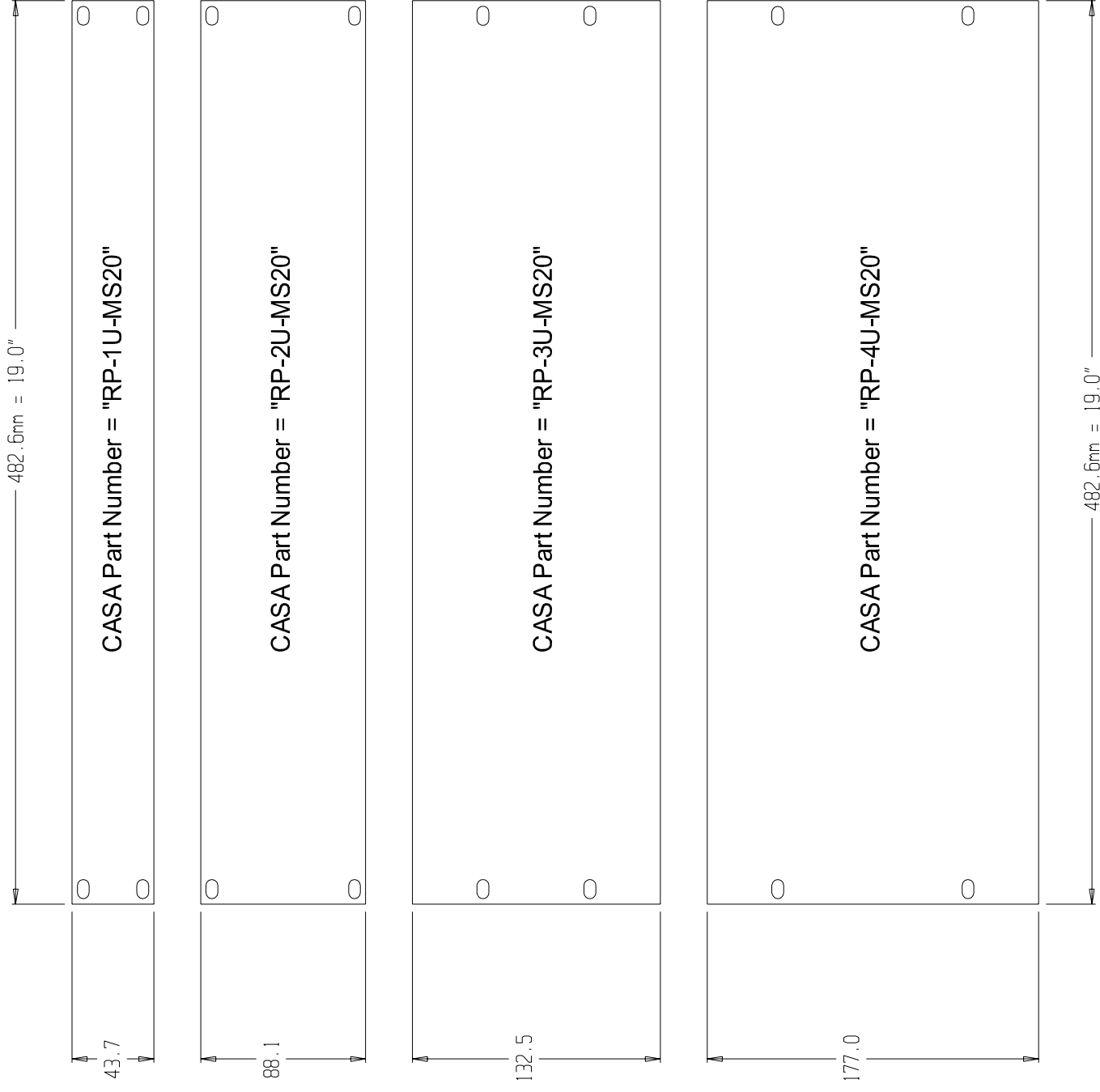
Specification Details:- *(see reverse of this data sheet for dimensional information)*

→ Standard Heights:-	1 Unit (43.7mm) 2 Units (88.1mm) 3 Units (132.5mm) 4 Units (177.0mm) <i>Other sizes available to Order</i> <i>e.g. 6U, 8U etc.</i>
→ Standard Thickness:-	2.0 mm (stock/preferred)
Other Sizes:- <i>(minimum order quantities may apply)</i>	1.6 mm (to order)
Approximate Weight:- <i>(for 2mm Mild Steel)</i>	0.33Kg per rack unit
→ Finish:- <i>(phosphate pre-treated and Polyester painting etc. to order)</i>	Natural, Paint, Ghost Grey
→ Materials:- <i>(other materials available to order)</i>	Cold Rolled Bright Steel

Part Number:- RP-xxU-MSg-F(special adder/suffix)

Please compose a Part Number according to this system and use on your official order.	RP-	Prefix to indicate "RACK PANEL".
	xxU-	HEIGHT in RACK Units (multiples of 44.45 millimeters e.g. 2U = 2 Rack Units = 88.1mm)
	MSg-	Mild Steel GAUGE of stock material in "mm x 10" (e.g. MS20 = 2.0mm Mild Steel)
	F-	FINISH applied (eg. N=Natural, P=Paint, GGP= Ghost Grey Polyester Powder Coated)
	(-----)	Special adder or suffix gives Custom information or Drawing No., Job No. etc.

- Standard Finishes:
- 1) Degrease
 - 2) Etch Prime
 - 3) Polyester Powder Coat
- Ghost Grey IPT6083
(or other colour to customer's choice)
- Special Notes
- 1) Gulllined LONG edges must all face the same side such that the burr is on the underside.
 - 2) Flatness & Curl must be less than 1mm in any direction when measured with the blank laid on a flat surface.
 - 3) All external edges to be deburred
 - 4) All "Punched" holes deburred on the underside.
 - 5) CASA Job Number to be stamped at each end between the standard oo-round fixing holes.
 - 6) After painting, a Small Self adhesive label with CASA Part Number is to be affixed to the reverse of each panel between the around fixing holes but not covering the CASA Job # stamping.



Typical "Finished" CASA Part Numbers:
 "RP-1U-MS20(GGP)"
 "RP-2U-MS20(GGP)"
 "RP-3U-MS20(GGP)"
 "RP-4U-MS20(GGP)"

MATERIAL	Steel Sht
2.0mm	
ALLOY	Cold Roll
EST. AREA	20726mm ² /U
EST. WEIGHT	0.33Kg/U
EST. PERIPHERY	EXT : XXX mm
TOT : XXX mm	
TOLERANCE	0.00mm ±0.1mm 00.0mm ±0.25mm 0000mm ±0.5mm 0-600mm ±0.1mm > 600mm ±0.5mm
BS1474:1987	
APPLIES UNLESS OTHERWISE SPECIFIED	
SURFACE FINISH	Visible surfaces denoted ---
NATURAL	<input type="checkbox"/>
LYNISH	<input type="checkbox"/>
DE-BURR	<input type="checkbox"/>
ANODISE	<input type="checkbox"/>
PAINT	<input type="checkbox"/>
PLATE	<input type="checkbox"/>
ALLODIZE	<input type="checkbox"/>
SHOTBLAST	<input type="checkbox"/>
OTHER DETAIL	<input type="checkbox"/>
See Notes	<input type="checkbox"/>
JOB No.	2831

DRAWING Reference No.	ISSUE
A4	RP-1 234U
SIZE	A

CUSTOMER :	CASA Modular Systems
DESCRIPTION :	RACK PANELS 1 to 4U (2mm Mild Steel)
DRAWN :	AWD
DATE :	28/07/98
APPROVED :	?
DWG. SCALE :	1:1

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