1U Redundant 80W

YH2081-1BAR

Feature

- 180.0 (L) x 106.0 (W) x 41.5 (H) mm
- 1+1 Redundant
- Support PMBus 1.1
- Application for IPC/Storage/Embedded server/Networking
- Fanless

INPUT	
Input Voltage	90-264VAC,190-310VDC
Input Frequency	47-63Hz
Input Current	2.0A max at 115VAC,1.0A max at 230VAC
Inrush Current	60A max at 264VAC
Power Factor	0.95 at 115VAC / 60Hz,0.90 at 230VAC / 50Hz
Earth Leakage Current	3.0mA max at 240VAC / 50Hz

GENERAL	
Efficiency	Highest efficiency 85% at 230VAC
Power Density	
MTBF	100 kHrs per Bellcore SR-332 at 25°C ambient

ENVIRONMENTAL	
Operating Temperature	-5 to 50°C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-40°C to +70 °C
Operating Altitude	Sea level to 5,000 M
Shock Operating	10G, no malfunction
Non-Operating	50G Trapezoidal Wave, Velocity change 4.3m/sec
Vibration Operating	0.01G²/Hz at 10Hz, 0.02G²/Hz at 20Hz
Non-Operating	0.02G²/Hz form 20Hz to 1kHz

EMC & SAFETY	
Emissions	EN55022, class A Conducted / EN55022, class A Radiated
Harmonic Currents	EN61000-3-2
Voltage Flicker	EN61000-3-3
EFT/Burst	EN61000-4-4
Surge	EN61000-4-5
Conducted Immunity	EN61000-4-6
Safety Approvals	UL/cUL, TUV, CB, CE, CCC, FCC

Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12V	0A	6.67A		120mV p-p
+5Vsb	0A	2.0A		50mV p-p

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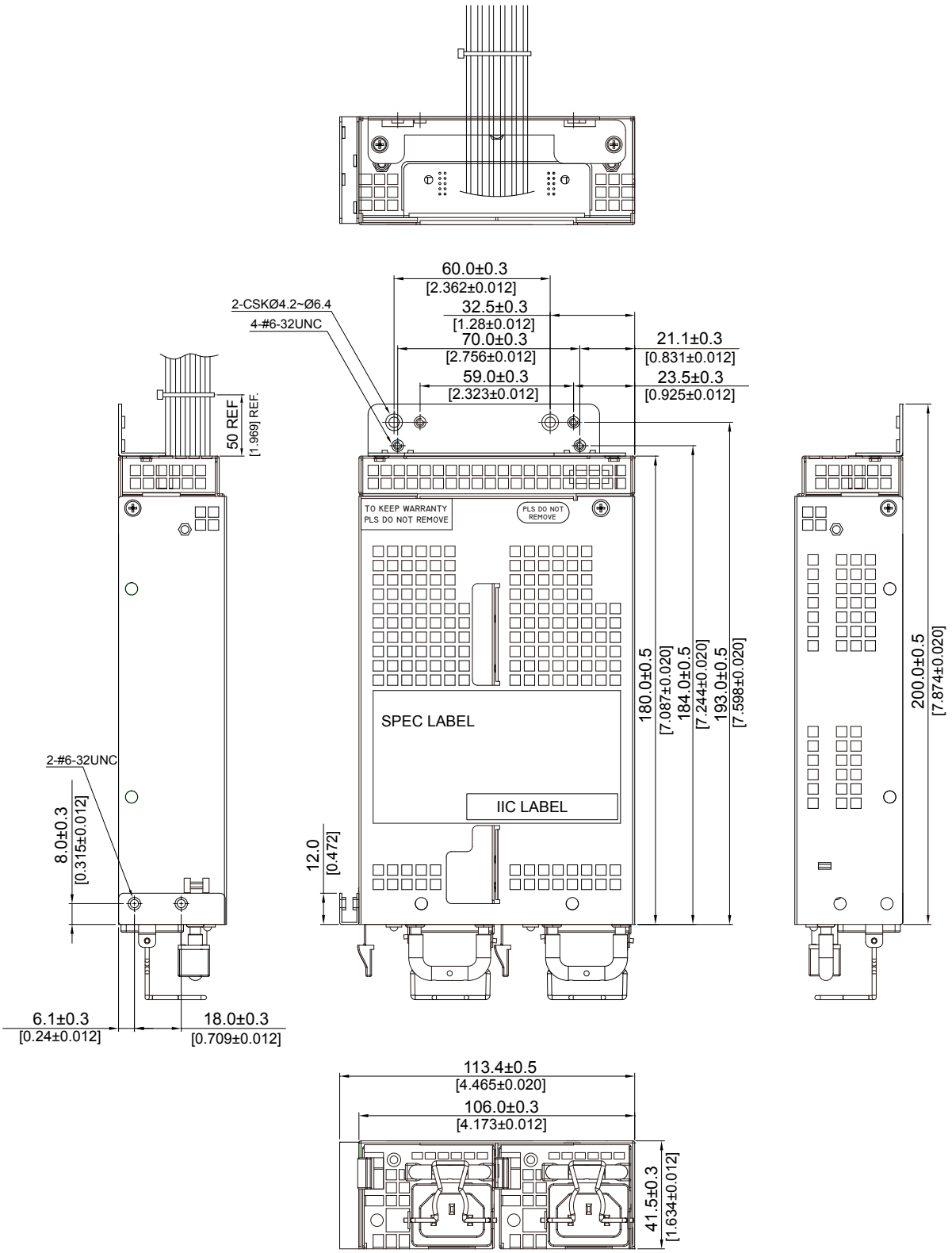
60.0±0.3
[2.362±0.012]
32.5±0.3
[1.28±0.012]
70.0±0.3
[2.756±0.012]
59.0±0.3
[2.323±0.012]
21.1±0.3
[0.831±0.012]
23.5±0.3
[0.925±0.012]
2-CSKØ4.2~Ø6.4
4-#6-32UNC
50 REF
[1.969] REF.
TO KEEP WARRANTY
PLS DO NOT REMOVE
PLS DO NOT REMOVE
SPEC LABEL
IIC LABEL
180.0±0.5
[7.087±0.020]
184.0±0.5
[7.244±0.020]
193.0±0.5
[7.598±0.020]
200.0±0.5
[7.874±0.020]
12.0
[0.472]
2-#6-32UNC
8.0±0.3
[0.315±0.012]
6.1±0.3
[0.24±0.012]
18.0±0.3
[0.709±0.012]
113.4±0.5
[4.465±0.020]
106.0±0.3
[4.173±0.012]
41.5±0.3
[1.634±0.012]