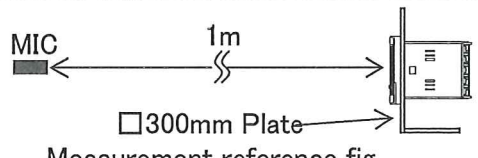
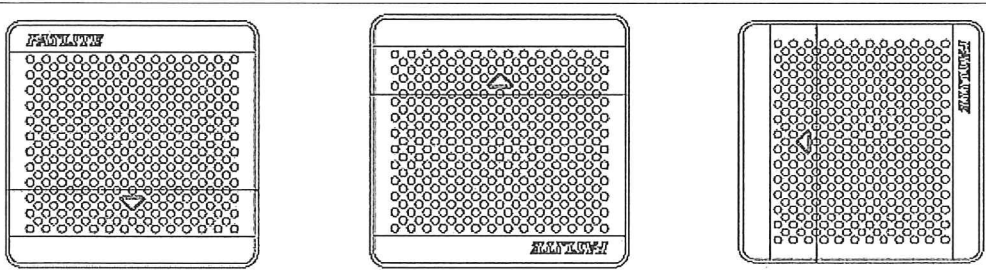
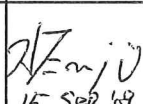
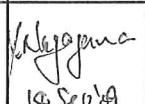


SPECIFICATIONS

Model	BDV-15JF	BDV-15KF
Rated voltage	12-24V DC	100V / 220V AC 50/60Hz
Operating range	10.8-26.4V DC	100V AC $\pm 10\%$ / 220V AC $\pm 10\%$
Power consumption	Max. 4W	Max. 5W
Sound pressure level	87dB or more Measurement sound: -6dB 1kHz Sine wave  * Sound pressure level may be lowered depending on the message and surrounding environment.	
Volume control	Adjustable range : Min~Max Sound reduction input : -10dB (Sound reduction mode only)	
Voice file	MPEG1-Audio Layer III (MP3) Standard bit rate : 64kbit/s、Fs=44.1kHz	
Maximum playing time	63sec (At playing of the standard bit rate data)	
Internal memory size	504KByte (Total of MP3 data)	
Voice rewrite Interface	SD card SD card Recommendation: SDV-128P (Sold separately)	
File format	FAT16	
Method of signal input	Pulse input width 100ms or more	
CH input	Bit input : Play mode A,C,E,G Binary input : Play mode B,D,F,H Bit input : 4 / Binary input : 15	
Number of playing messages	Signal line start : 300ms or less / Power supply line start : 500ms or less	
Warm-up time	CH4>CH3>CH2>CH1 (Bit input mode only)	
Operating temperature range	-10 ~ 50°C	
Relative humidity	Less than 85 %RH (Without the dew condensation)	
Mounting direction	 Upright Upside-down Sideways Indoor : Y / Outdoor : Y Indoor : Y / Outdoor : N Indoor : Y / Outdoor : N Mounting angle is vertical only. (Only upright when water splashes)	
Protection rating	IP 54 (Upright direction only)	
Insulation resistance	1M Ω or more (at 500V DC) between current-carrying and non-current-carrying part .	
Withstand voltage	500V AC (1 minute) 1500V AC (1 minute) (Between current-carrying and non-current-carrying part)	
Vibration resistance	Upright direction mounting : 19.6m/s ² 30Hz Cross direction:2h•Horizontal direction:2h•Vertical direction:2h	
Mass	220g $\pm 10\%$	340g $\pm 10\%$
BDV-F-A18A-1/3		
PATLITE Corporation		App.by:  15 Sep '09 Chk.by:  14 Sep '09 Drn.by: Y.Nakanishi 14 Sep '09

SPECIFICATIONS

Play mode (Setting with operation mode switch)

factory default setting : A (If message registration is up to No.4) / B (If message registration is No.5 and above)

A	CH input : CH1 – CH4 Number of playing messages : 4
Bit input mode	
B	CH input : CH1 – CH4 Number of playing messages : 15
Binary input mode	
C	CH input : CH1 – CH3 Number of playing messages : 3 CH4 : Input reduces the volume by 10dB.
Bit input*sound reduction mode	
D	CH input : CH1 – CH3 Number of playing messages : 7 CH4 : Input reduces the volume by 10dB.
Binary input*sound reduction mode	
E	CH input : CH1 – CH4 Number of playing messages : 4
Bit input*Latest input priority play mode	When the next message is input while message is being play, the message that is being played is stopped and the latest input message is playing.
F	CH input : CH1 – CH4 Number of playing messages : 15
Binary input*Latest input priority play mode	When the next message is input while message is being play, the message that is being played is stopped and the latest input message is playing.
G	CH input : CH1 – CH4 Number of playing messages : 4
Bit input*Hold play mode	Message play is possible only while the input is held. The play stops when the input stops.
H	CH input : CH1 – CH4 Number of playing messages : 15
Binary input*Hold play mode	Message play is possible only while the input is held. The play stops when the input stops.
I~P	
Test mode	The message No.1 plays.

Notes

- This product complies with the RoHS Directive(DIRECTIVE 2002/95/EC) .
- Type BDV-15JF complies with EC Directive(EMC Directive) and CE Marking is indicated .

BDV – 15JF – J

■ Rated Voltage
J: 12-24V DC
K: 100V/220V AC

■ Color
J: Light gray
K: Dark gray



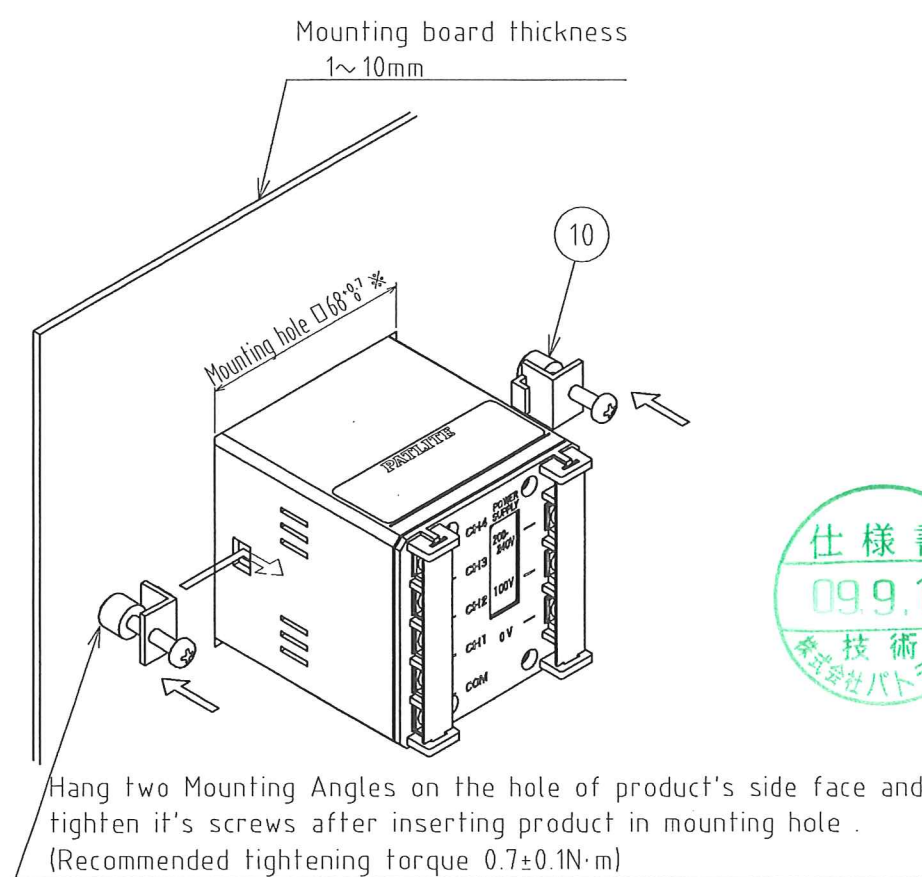
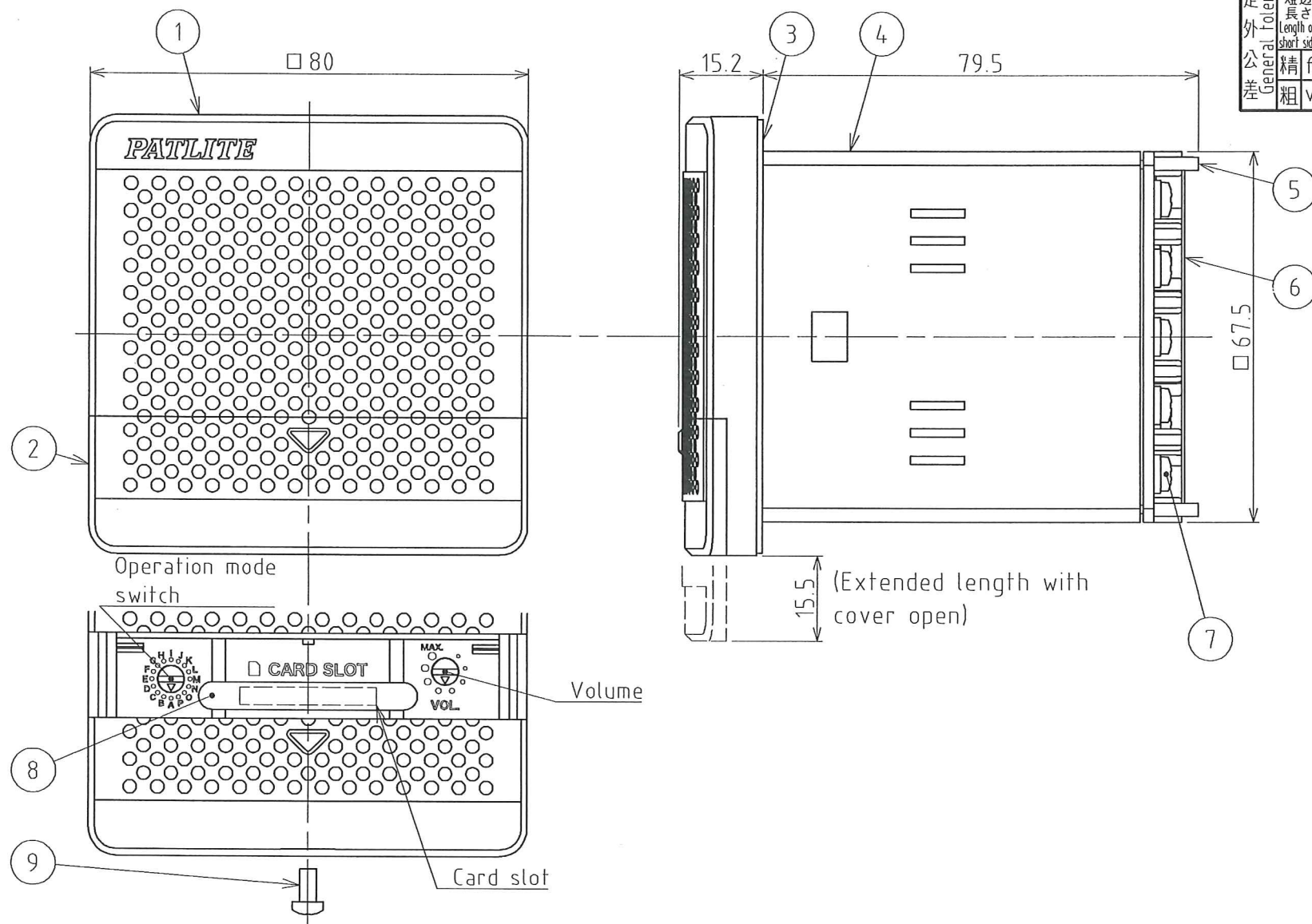
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BDV-.F-A18A-2/3

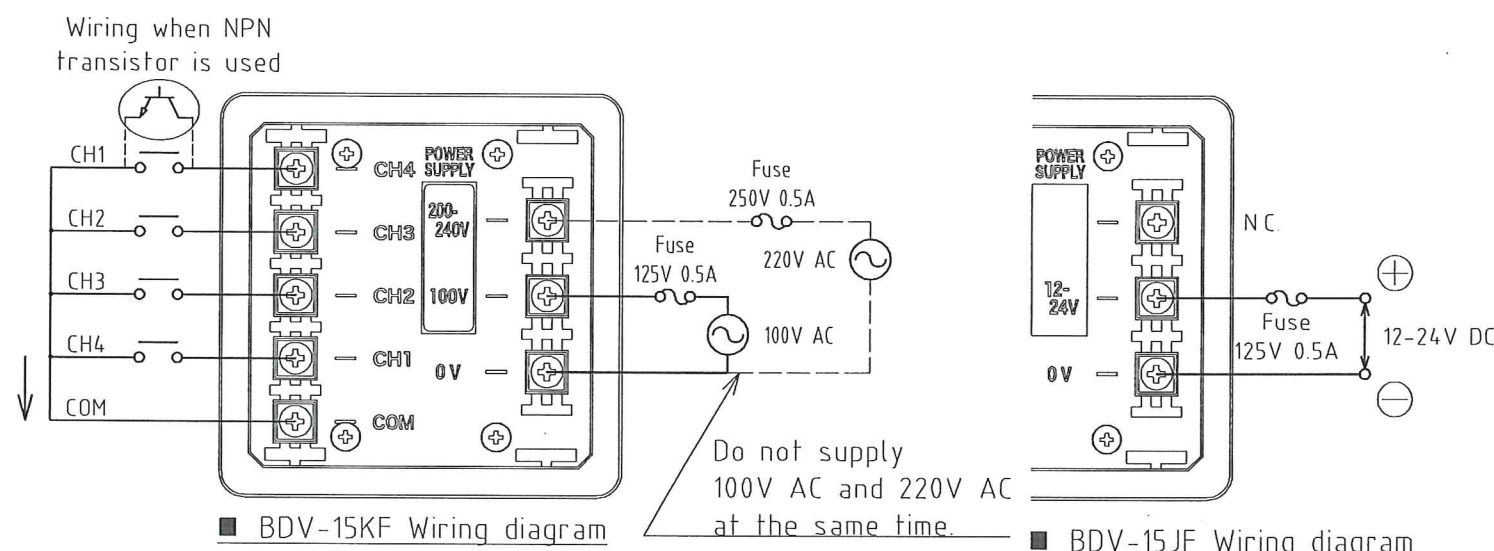
PATLITE Corporation

指定 公差	角度公差 Angular tolerance ±[°]				寸法公差 Dimensional tolerance ±[mm]				符号 Sym.	年月日 Date	訂正履歴 Revisions	記印 Sgn.	検印 Chk.	承認 App.
	短辺 Length of short side	長辺 Length of long side	短辺 Length of short side	長辺 Length of long side	短辺 Length of short side	長辺 Length of long side	短辺 Length of short side	長辺 Length of long side						
	精 f	中 m	粗 c	精 f	中 m	粗 c	精 f	中 m	粗 c					
	1	0.5	0.3	0.1	1	0.5	0.3	0.1	1					



※ Mounting hole dimension complies with IEC-61554(DIN-43700).

How to install



Signal line contact capacity	
Current capacity	10mA or more
Dielectric voltage-withstand	20VDC or more
Leak current	0.1mA or less
ON voltage(Vsat)	1V or less

* Do not supply a voltage for the signal line.
Failure to do so may be damaged to the product.

10	Mounting Angle		2	Accessory	
9	+Pan Head Screw		1	M3X6 For Front Cover Mounting	
8	Slot Waterproof Rubber		1	EPDM	
7	+Pan Head Screw With Square Washer		8	M3X6 For Wiring	
6	Terminal Cover		2	PC t=0.38	
5	Rear Cover		1	ABS Dark Gray	
4	Case		1	ABS Dark Gray	
3	Waterproof Sheet		1	CR t=1.0	
2	Front Cover		1	ABS Light Gray/Dark Gray	
1	Front Panel		1	ABS Light Gray/Dark Gray	
番号 No.	部品名 Part Name	品目コード Part No.	数量 Qty.	材料 & 寸法 & 処理 Material & Size & Finish	記事 Remarks
設計 Dgn.by	製図 Drn.by	検図 Chk.by	承認 App.by	図名 Name	機種名 Model
T.Koma	Y.Nakanishi	K.oguma	R.Kaji	Specifications	BDV-15JF/KF
16 Jun '09	14 Sep '09	14 Sep '09	15 Sep '09	Dimensions	品目コード Part No.
三角法 3rd Angle P.	単位 Unit mm	尺度 Scale —	株式会社 パトライト PATLITE Corporation	図番 Drawing No.	BDV-.F-A18A-3/3