

REVISIONS				
LTR	DESCRIPTION	DATE	REVISED	APPROVED
Δ x2			H.Y.Chou	Kung
Δ x1			H.Y.Chou	

7	SEALED PLATE	1	C2680 , t=0.2	MB : Cu Sn/Pb PLATED
6	TERMINAL	3	C2680 , t=0.4	MB : Cu Sn/Pb PLATED
5	TERMINAL	3	C2680 , t=0.4	MB : Cu Sn/Pb PLATED
4	OUTER CONTACT	3	C2680 , t=0.4	MB : Cu Ni PLATED
3	WASHER	3	ABS , UL-94HB	
2	COVER	2	ABS , UL-94HB	
1	HOUSING	1	ABS , UL-94HB	

LTR	PART NAME	QTY	MATERIAL	REMARK
DSND	SHIAH	DATE	1994.09.17	NAME PIN JACK
DWN	H.Y.CHOU	DATE	1997.11.07	
CHKD		DATE		CAT. NO. HSP-246V29-__
APVD		DATE		

SINGATRON (USA)

DWN.NO.
A-246V29 001

UNLESS OTHERWISE SPECIFIED, TOLERANCE ON DECIMAL: ±0.3 FRACTIONS: ANGLES:

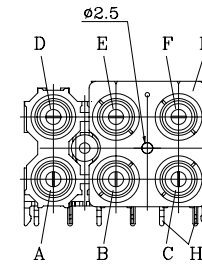
MODEL NO.	COLOR			FINISH		
	D	E	F(BODY)	G	H	I
HSP-246V SERIES	A	B	C			
HSP-246_-01	WHITE	WHITE	WHITE	NI	PB-SN	NI
	RED	RED	RED			
HSP-246_-02	BLACK	BLACK	BLACK	NI	PB-SN	NI
	BLACK	BLACK	BLACK			
HSP-246_-03	WHITE	WHITE	WHITE	AU	PB-SN	NI
	RED	RED	RED			
HSP-246_-04	BLACK	BLACK	BLACK	NI	PB-SN	NI
	RED	RED	RED			
HSP-246_-05	RED	RED	RED	NI	PB-SN	NI
	WHITE	WHITE	WHITE			
HSP-246_-06	RED	RED	RED	AU	PB-SN	NI
	WHITE	WHITE	WHITE			
HSP-246_-07	RED	RED	RED	AU	AU**	NI
	WHITE	WHITE	WHITE			
HSP-246_-08	RED	RED	RED	NI	PB-SN	NI
	RED	RED	RED			
HSP-246_-09	YELLOW	YELLOW	YELLOW	NI	PB-SN	NI
	YELLOW	YELLOW	YELLOW			
HSP-246_-10	WHITE	WHITE	WHITE	NI	PB-SN	NI
	WHITE	WHITE	WHITE			
HSP-246_-11	YELLOW	WHITE	RED	NI	PB-SN	NI
	YELLOW	WHITE	RED			
HSP-246_-12	RED	WHITE	YELLOW	AU	PB-SN	NI
	RED	WHITE	YELLOW			
HSP-246_-13	YELLOW	YELLOW	WHITE	NI	PB-SN	NI
	YELLOW	YELLOW	RED			
HSP-246_-14	RED	WHITE	YELLOW	NI	PB-SN	NI
	RED	WHITE	YELLOW			
HSP-246_-15	YELLOW	RED	WHITE	AU	PB-SN	NI
	YELLOW	RED	WHITE			

Plating :

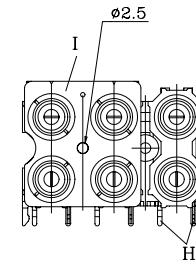
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L-PB-SN : MBCu2-L-PbSn3

NI : MBCu1-Ni1.5
AU : MBNi4-Au0.03

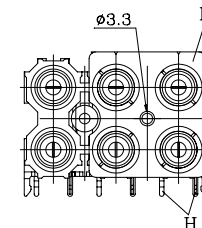
NI+DIP : MBCu1-Ni1.5
AU** : MBNi4-Au0.03



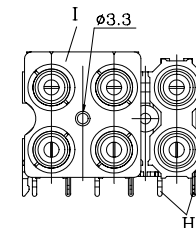
HSP-246V29



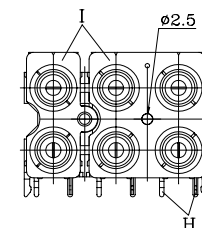
HSP-246V30



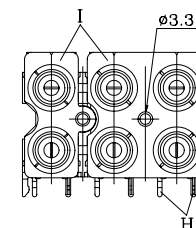
HSP-246V31



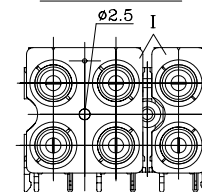
HSP-246V32



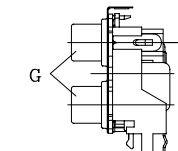
HSP-246V33



HSP-246V34



HSP-246V36



DWN	LEO	DATE	2001.03.23	NAME: HSP-246 SERIES PARTS NO. TABLE	
UPD	JAER	DATE	2003.09.05		
CHKD	DAVID	DATE	2003.09.05		
SINGATRON ENT. CO., LTD. (USA)				DWN. NO. E-246-03	1/7 D

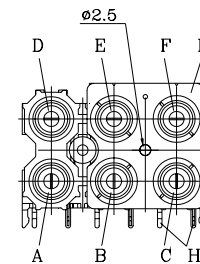
MODEL NO.	COLOR			FINISH		
	D	E	F(BODY)	G	H	I
HSP-246V SERIES	A	B	C			
HSP-246_-16	RED	WHITE	YELLOW	NI	PB-SN	NI
	WHITE	WHITE	WHITE			
HSP-246_-17	YELLOW	WHITE	RED	AU	PB-SN	NI
	YELLOW	WHITE	RED			
HSP-246_-18	WHITE	WHITE	BLACK	NI	PB-SN	NI
	RED	RED	BLACK			
HSP-246_-19	YELLOW	RED	WHITE	NI	PB-SN	NI
	YELLOW	RED	WHITE			
HSP-246_-20	YELLOW	RED	HOAR	NI	PB-SN	NI
	YELLOW	RED	HOAR			
HSP-246_-21	BLACK	BLACK	BLACK	AU	PB-SN	NI
	BLACK	BLACK	BLACK			
HSP-246_-22	YELLOW	YELLOW	YELLOW	NI	PB-SN	NI
	WHITE	WHITE	WHITE			
HSP-246_-23	RED	RED	RED	AU	PB-SN	NI
	BLACK	BLACK	BLACK			
HSP-246_-24	YELLOW	RED	WHITE	NI	PB-SN	NI
	YELLOW	BLACK	WHITE			
HSP-246_-25	WHITE	BLACK	WHITE	NI	PB-SN	NI
	RED	BLACK	RED			
HSP-246_-26	WHITE	WHITE	WHITE	AU	AU**	NI
	RED	RED	RED			
HSP-246_-27	WHITE	RED	YELLOW	NI	PB-SN	NI
	WHITE	RED	YELLOW			
HSP-246_-28	RED	BLACK	RED	NI	PB-SN	NI
	WHITE	BLACK	WHITE			
HSP-246_-29	WHITE	BLACK	WHITE	NI	PB-SN	NI
	RED	BLACK	RED			
HSP-246_-30	RED	RED	RED	L-PB-SN	PB-SN	NI
	WHITE	WHITE	WHITE			

Plating :

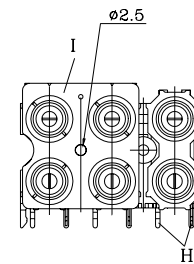
PB-SN : MBCu2-PbSn3
L-PB-SN : MBCu2-L-PbSn3

NI : MBCu1-Ni1.5
AU : MBNi4-Au0.03

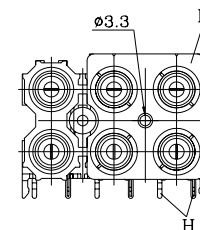
NI+DIP : MBCu1-Ni1.5
AU** : MBNi4-Au0.03



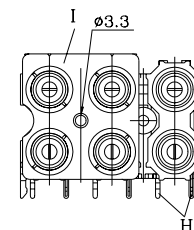
HSP-246V29



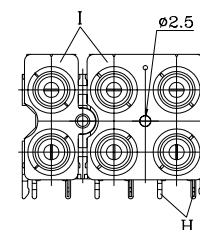
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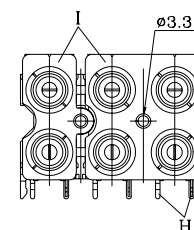
HSP-246V31



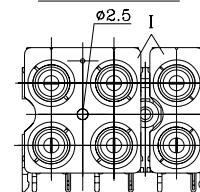
HSP-246V32



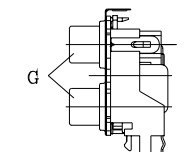
HSP-246V33



HSP-246V34



HSP-246V36



DWN	LEO	DATE	2001.03.23	NAME: HSP-246 SERIES PARTS NO. TABLE
UPD	JAER	DATE	2003.09.05	
CHKD	DAVID	DATE	2003.09.05	
SINGATRON ENT. CO., LTD. (USA)				DWN. NO. E-246-03
				2/7 D

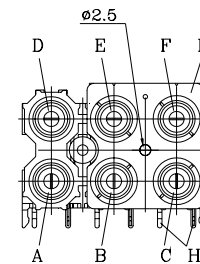
MODEL NO.	COLOR			FINISH		
	D	E	F(BODY)	G	H	I
HSP-246V SERIES	A	B	C			
HSP-246_-31	WHITE	WHITE	WHITE	NI	PB-SN	NI
	YELLOW	RED	RED			
HSP-246_-32	WHITE	WHITE	BLACK	L-PB-SN	PB-SN	NI
	RED	RED	ORANGE			
HSP-246_-33	WHITE	WHITE	WHITE	L-PB-SN	PB-SN	NI
	RED	RED	RED			
HSP-246_-34	WHITE	WHITE	YELLOW	NI	PB-SN	NI
	RED	RED	ORANGE			
HSP-246_-35	WHITE	RED	YELLOW	AU	PB-SN	NI
	WHITE	RED	YELLOW			
HSP-246_-36	BLUE	BLUE	BLUE	NI	PB-SN	NI
	RED	RED	RED			
HSP-246_-37	WHITE	WHITE	YELLOW	AU	PB-SN	NI
	RED	RED	ORANGE			
HSP-246_-38	WHITE	WHITE	HOAR	NI	PB-SN	NI
	RED	RED	BROWN			
HSP-246_-39	WHITE	WHITE	YELLOW	AU	AU**	AU**
	RED	RED	ORANGE			
HSP-246_-40	BLACK	RED	WHITE	NI	PB-SN	NI
	YELLOW	RED	WHITE			
HSP-246_-41	BLACK	WHITE	WHITE	NI	PB-SN	NI
	BLACK	RED	RED			
HSP-246_-42	RED	RED	ORANGE	L-PB-SN	PB-SN	NI
	WHITE	WHITE	BLACK			
HSP-246_-43	GREEN	BLACK	RED	NI	PB-SN	NI
	YELLOW	RED	WHITE			
HSP-246_-44	WHITE	HOAR	WHITE	NI	PB-SN	NI
	RED	BROWN	RED			
HSP-246_-45	RED	WHITE	WHITE	NI	PB-SN	NI
	RED	WHITE	RED			

Plating :

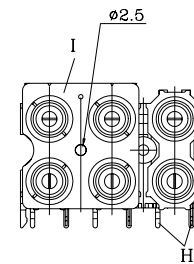
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L-PB-SN : MBCu2-L-PbSn3

NI : MBCu1-Ni1.5
AU : MBNi4-Au0.03

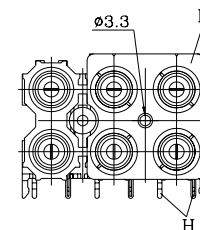
NI+DIP : MBCu1-Ni1.5
AU** : MBNi4-Au0.03



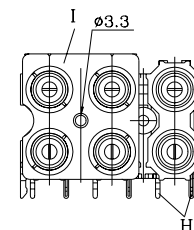
HSP-246V29



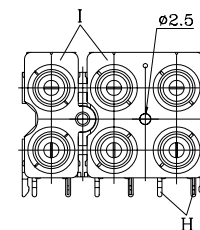
HSP-246V30



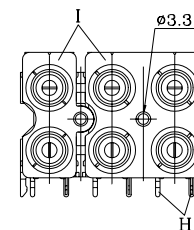
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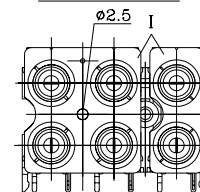
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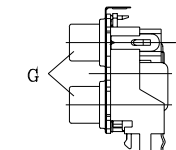
HSP-246V33



HSP-246V34



HSP-246V36



DWN	LEO	DATE	2001.03.23	NAME: HSP-246 SERIES PARTS NO. TABLE	
UPD	JAER	DATE	2003.09.05		
CHKD	DAVID	DATE	2003.09.05		
SINGATRON ENT. CO., LTD. (USA)				DWN. NO. E-246-03	3/7 D

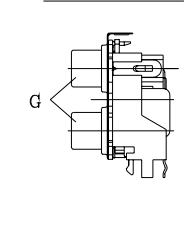
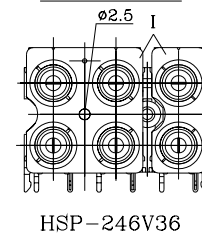
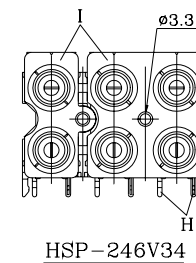
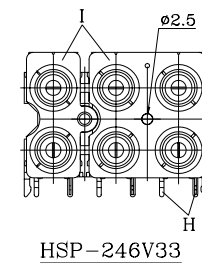
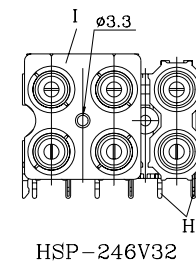
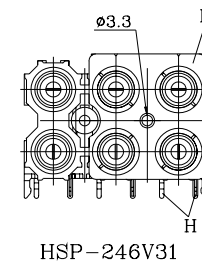
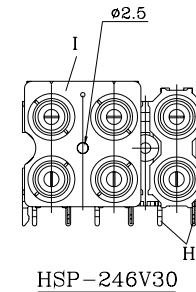
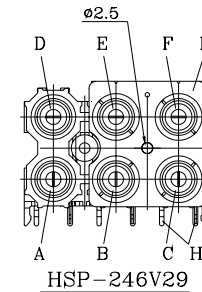
MODEL NO.	COLOR			FINISH		
	D	E	F(BODY)	G	H	I
HSP-246V SERIES	A	B	C			
HSP-246_-46	WHITE	RED	BLACK	NI	PB-SN	NI
	WHITE	RED	BLACK			
HSP-246_-47	GREEN	BLUE	RED	NI	PB-SN	NI
	GREEN	BLUE	RED			
HSP-246_-48	RED	WHITE	BLACK	NI	PB-SN	NI
	RED	WHITE	BLACK			
HSP-246_-49	WHITE	RED	WHITE	NI	PB-SN	NI
	RED	RED	WHITE			
HSP-246_-50	GREEN	WHITE	RED	AU	AU**	NI
	GREEN	WHITE	RED			
HSP-246_-51	WHITE	WHITE	BLACK	AU	PB-SN	AU**
	RED	RED	BLACK			
HSP-246_-52	WHITE	BLACK	WHITE	NI	PB-SN	NI
	RED	RED	RED			
HSP-246_-53	WHITE	WHITE	WHITE	NI+DIP	PB-SN	NI
	RED	RED	RED			
HSP-246_-54	RED	RED	RED	NI+DIP	PB-SN	NI
	WHITE	WHITE	WHITE			
HSP-246_-55	ORANGE	WHITE	WHITE	NI	PB-SN	NI
	BLACK	RED	RED			
HSP-246_-56	GREEN	BLUE	RED	NI	PB-SN	NI
	RED	WHITE	YELLOW			
HSP-246_-57	WHITE	WHITE	BROWN	NI	PB-SN	NI
	RED	RED	BLACK			
HSP-246_-58	WHITE	WHITE	BLACK	AU	PB-SN	NI
	RED	RED	ORANGE			
HSP-246_-59	BLUE	GREEN	WHITE	NI	PB-SN	NI
	BLUE	BLACK	RED			
HSP-246_-60	BLUE	GREEN	WHITE	AU	AU**	AU**
	BLUE	BLACK	RED			

Plating :

PB-SN : MBCu2-PbSn3
L-PB-SN : MBCu2-L-PbSn3

NI : MBCu1-Ni1.5
AU : MBNi4-Au0.03

NI+DIP : MBCu1-Ni1.5
AU** : MBNi4-Au0.03



DWN	LEO	DATE	2001.03.23	NAME: HSP-246 SERIES PARTS NO. TABLE	
UPD	JAER	DATE	2003.09.05		
CHKD	DAVID	DATE	2003.09.05		
SINGATRON ENT. CO., LTD. (USA)				DWN. NO. E-246-03	4/7 D

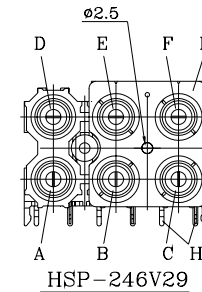
MODEL NO.	COLOR			FINISH		
	D	E	F(BODY)	G	H	I
HSP-246V SERIES	A	B	C			
HSP-246_-61	BLUE	GREEN	WHITE	AU	PB-SN	NI
	BLUE	BLACK	RED			
HSP-246_-62	GREEN	YELLOW	RED	NI	PB-SN	NI
	BROWN	BLUE	WHITE			
HSP-246_-63	WHITE	WHITE	BLACK	AU	PB-SN	NI
	RED	RED	BLACK			
HSP-246_-64	GREEN	BLUE	RED	AU	PB-SN	NI
	GREEN	BLUE	RED			
HSP-246_-65	WHITE	BLUE	GREEN	AU	PB-SN	NI
	RED	BLUE	BLACK			
HSP-246_-66	ORANGE	RED	RED	AU	AU**	AU**
	YELLOW	WHITE	WHITE			
HSP-246_-67	WHITE	RED	WHITE	NI	PB-SN	NI
	WHITE	RED	WHITE			
HSP-246_-68	RED	GREEN	BLUE	NI	PB-SN	NI
	RED	GREEN	BLUE			
HSP-246_-69	YELLOW	YELLOW	YELLOW	NI+DIP	PB-SN	NI
	YELLOW	YELLOW	YELLOW			
HSP-246_-70	YELLOW	WHITE	RED	NI+DIP	PB-SN	NI
	YELLOW	WHITE	RED			
HSP-246_-71	WHITE	BLACK	WHITE	AU	PB-SN	AU**
	RED	BLUE	RED			
HSP-246_-72	BLACK	BLACK	BLACK	NI+DIP	PB-SN	NI
	BLACK	BLACK	BLACK			
HSP-246_-73	YELLOW	YELLOW	YELLOW	NI	PB-SN	NI
	BLACK	YELLOW	YELLOW			
HSP-246_-74	WHITE	WHITE	YELLOW	AU	PB-SN	NI
	RED	RED	YELLOW			
HSP-246_-75	BLACK	RED	RED	NI	PB-SN	NI
	BLACK	WHITE	WHITE			

Plating :

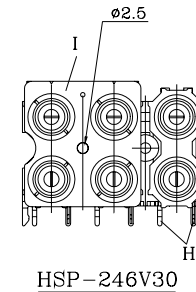
PB-SN : MBCu2-PbSn3
L-PB-SN : MBCu2-L-PbSn3

NI : MBCu1-Ni1.5
AU : MBNi4-Au0.03

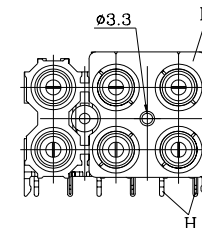
NI+DIP : MBCu1-Ni1.5
AU** : MBNi4-Au0.03



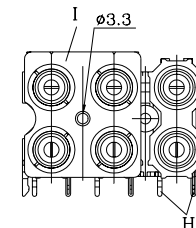
HSP-246V29



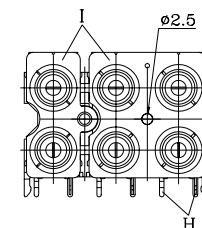
HSP-246V30



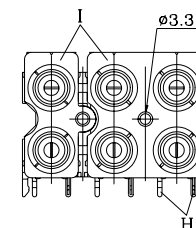
HSP-246V31



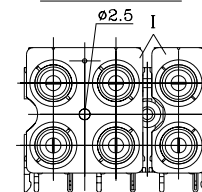
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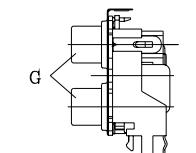
HSP-246V33



HSP-246V34



HSP-246V36



DWN	LEO	DATE	2001.03.23	NAME: HSP-246 SERIES PARTS NO. TABLE
UPD	JAER	DATE	2003.09.05	
CHKD	DAVID	DATE	2003.09.05	
SINGATRON ENT. CO., LTD. (USA)				DWN. NO. E-246-03
				5/7 D

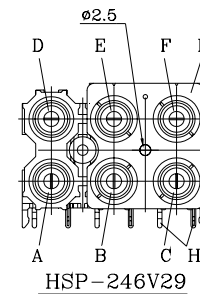
MODEL NO.	COLOR			FINISH		
	D	E	F(BODY)	G	H	I
HSP-246V SERIES	A	B	C			
HSP-246_-76	RED	BLUE	GREEN	NI	PB-SN	NI
	RED	BLUE	GREEN			
HSP-246_-77	YELLOW	YELLOW	YELLOW	AU	PB-SN	NI
	YELLOW	YELLOW	YELLOW			
HSP-246_-78	RED	WHITE	BLACK	NI	PB-SN	NI
	RED	WHITE	YELLOW			
HSP-246_-79	WHITE	WHITE	YELLOW	NI	PB-SN	NI
	RED	RED	YELLOW			
HSP-246_-80	WHITE	WHITE	HOAR	NI	PB-SN	NI
	RED	RED	HOAR			
HSP-246_-81	CROCUS	CROCUS	CROCUS	NI	PB-SN	NI
	BLUE	BLUE	BLUE			
HSP-246_-82	GREEN	RED	BLUE	AU	PB-SN	NI
	GREEN	RED	BLUE			
HSP-246_-83	CROCUS	CROCUS	CROCUS	NI	PB-SN	NI
	AZURE	AZURE	AZURE			
HSP-246_-84	YELLOW	RED	BLACK	NI	PB-SN	NI
	YELLOW	RED	BLACK			
HSP-246_-85	GREEN	BLUE	RED	NI	PB-SN	NI
	YELLOW	RED	WHITE			
HSP-246_-86	RED	BLACK	RED	AU	PB-SN	NI
	WHITE	BLACK	WHITE			
HSP-246_-87	HOAR	BLACK	WHITE	NI	PB-SN	NI
	BROWN	BLUE	RED			
HSP-246_-88	BLACK	RED	RED	NI	PB-SN	NI
	YELLOW	WHITE	WHITE			
HSP-246_-89	WHITE	WHITE	WHITE	NI	PB-SN	NI
	YELLOW	YELLOW	YELLOW			
HSP-246_-90	WHITE	WHITE	ORANGE	NI	PB-SN	NI
	RED	RED	BLACK			

Plating :

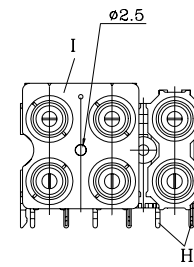
PB-SN : MBCu2-PbSn3
L-PB-SN : MBCu2-L-PbSn3

NI : MBCu1-Ni1.5
AU : MBNi4-Au0.03

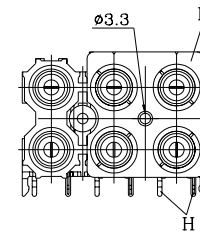
NI+DIP : MBCu1-Ni1.5
AU** : MBNi4-Au0.03



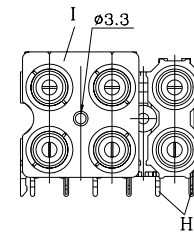
HSP-246V29



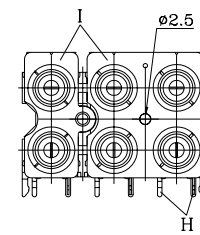
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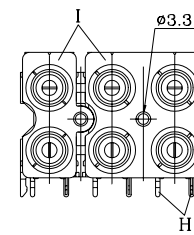
HSP-246V31



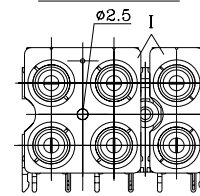
HSP-246V32



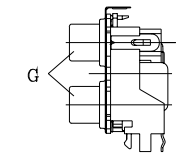
HSP-246V33



HSP-246V34



HSP-246V36



DWN	CAROL	DATE	2002.01.18	NAME: HSP-246 SERIES PARTS NO. TABLE	
UPD	JAER	DATE	2003.09.05		
CHKD	DAVID	DATE	2003.09.05		
SINGATRON ENT. CO., LTD. (USA)				DWN. NO. E-246-03	6/7 D

