

II. A4-2010-02-24

Α

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)						
(n)			DI	MENSIO	NS (NC	TE2)
5 SFV 5R-3/4STB_HLF 8.0 6.4 2.0 2.1 6 SFV 6R-3/4STB_HLF 8.5 6.9 2.5 2.6 7 SFV 7R-3/4STB_HLF 9.0 7.4 3.0 3.1 8 SFV 8R-3/4STB_HLF 9.5 7.9 3.5 3.6 9 SFV 9R-3/4STB_HLF 10.0 8.4 4.0 4.1 10 SFV10R-3/4STB_HLF 10.5 8.9 4.5 4.6 11 SFV11R-3/4STB_HLF 11.0 9.4 5.0 5.1 12 SFV12R-3/4STB_HLF 11.0 9.4 5.0 5.1 13 SFV13R-3/4STB_HLF 12.0 10.4 6.0 6.1 14 SFV14R-3/4STB_HLF 12.5 10.9 6.5 6.6 15 SFV15R-3/4STB_HLF 13.0 11.4 7.0 7.1 16 SFV16R-3/4STB_HLF 13.5 11.9 7.5 7.6 17 SFV17R-3/4STB_HLF 14.0 12.4 8.0		CAI. NO.	A ± 0.2	B ± 0.2	C ± 0.1	D ± 0.1
6 SFV 6R-3/4STB_HLF 8.5 6.9 2.5 2.6 7 SFV 7R-3/4STB_HLF 9.0 7.4 3.0 3.1 8 SFV 8R-3/4STB_HLF 9.5 7.9 3.5 3.6 9 SFV 9R-3/4STB_HLF 10.0 8.4 4.0 4.1 10 SFV10R-3/4STB_HLF 10.5 8.9 4.5 4.6 11 SFV11R-3/4STB_HLF 11.0 9.4 5.0 5.1 12 SFV12R-3/4STB_HLF 11.5 9.9 5.5 5.6 13 SFV13R-3/4STB_HLF 12.0 10.4 6.0 6.1 14 SFV14R-3/4STB_HLF 12.5 10.9 6.5 6.6 15 SFV15R-3/4STB_HLF 13.0 11.4 7.0 7.1 16 SFV16R-3/4STB_HLF 13.5 11.9 7.5 7.6 17 SFV17R-3/4STB_HLF 14.0 12.4 8.0 8.1 18 SFV18R-3/4STB_HLF 14.0 12.4 8.0 8.1 19 SFV19R-3/4STB_HLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STB_HLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STB_HLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STB_HLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STB_HLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STB_HLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STB_HLF 17.0 15.4 11.0 11.1 24 SFV26R-3/4STB_HLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STB_HLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STB_HLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STB_HLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STB_HLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STB_HLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STB_HLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STB_HLF 20.0 18.4 14.0 14.1 31 SFV31R-3/4STB_HLF 20.0 18.4 14.0 14.1 32 SFV32R-3/4STB_HLF 20.0 18.4 14.0 14.1 33 SFV33R-3/4STB_HLF 20.0 19.4 15.0 15.1 34 SFV34R-3/4STB_HLF 20.0 20.4 16.0 16.1	4	SFV 4R-3/4STBHLF	7.5	5.9	1.5	1.6
7 SFV 7R-3/4STB_HLF 9.0 7.4 3.0 3.1 8 SFV 8R-3/4STB_HLF 9.5 7.9 3.5 3.6 9 SFV 9R-3/4STB_HLF 10.0 8.4 4.0 4.1 10 SFV10R-3/4STB_HLF 10.5 8.9 4.5 4.6 11 SFV11R-3/4STB_HLF 11.0 9.4 5.0 5.1 12 SFV12R-3/4STB_HLF 11.5 9.9 5.5 5.6 13 SFV13R-3/4STB_HLF 12.0 10.4 6.0 6.1 14 SFV14R-3/4STB_HLF 12.5 10.9 6.5 6.6 15 SFV15R-3/4STB_HLF 13.0 11.4 7.0 7.1 16 SFV16R-3/4STB_HLF 14.0 12.4 8.0 8.1 18 SFV18R-3/4STB_HLF 14.5 12.9 8.5 8.6 19 SFV20R-3/4STB_HLF 15.5 13.9 9.5 9.6 21 SFV20R-3/4STB_HLF 15.0 13.4 9.0	5	SFV 5R-3/4STBHLF	8.0	6.4	2.0	2.1
8 SFV 8R-3/4STB_HLF 9.5 7.9 3.5 3.6 9 SFV 9R-3/4STB_HLF 10.0 8.4 4.0 4.1 10 SFV10R-3/4STB_HLF 10.5 8.9 4.5 4.6 11 SFV11R-3/4STB_HLF 11.0 9.4 5.0 5.1 12 SFV12R-3/4STB_HLF 11.5 9.9 5.5 5.6 13 SFV13R-3/4STB_HLF 12.0 10.4 6.0 6.1 14 SFV14R-3/4STB_HLF 12.5 10.9 6.5 6.6 15 SFV15R-3/4STB_HLF 13.0 11.4 7.0 7.1 16 SFV16R-3/4STB_HLF 13.5 11.9 7.5 7.6 17 SFV17R-3/4STB_HLF 14.0 12.4 8.0 8.1 18 SFV18R-3/4STB_HLF 14.5 12.9 8.5 8.6 19 SFV20R-3/4STB_HLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STB_HLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STB_HLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STB_HLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STB_HLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STB_HLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STB_HLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STB_HLF 17.5 15.9 11.5 11.6 26 SFV26R-3/4STB_HLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STB_HLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STB_HLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STB_HLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STB_HLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STB_HLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STB_HLF 20.0 18.4 14.0 14.1 31 SFV31R-3/4STB_HLF 20.0 18.4 14.0 14.1 32 SFV32R-3/4STB_HLF 20.0 18.4 14.0 14.1 33 SFV33R-3/4STB_HLF 20.0 19.4 15.0 15.1 34 SFV34R-3/4STB_HLF 21.5 19.9 15.5 15.6	6	SFV 6R-3/4STBHLF	8.5	6.9	2.5	2.6
9 SFV 9R-3/4STBHLF 10.0 8.4 4.0 4.1 10 SFV10R-3/4STBHLF 10.5 8.9 4.5 4.6 11 SFV11R-3/4STBHLF 11.0 9.4 5.0 5.1 12 SFV12R-3/4STBHLF 11.5 9.9 5.5 5.6 13 SFV13R-3/4STBHLF 12.0 10.4 6.0 6.1 14 SFV14R-3/4STBHLF 12.5 10.9 6.5 6.6 15 SFV15R-3/4STBHLF 13.0 11.4 7.0 7.1 16 SFV16R-3/4STBHLF 13.5 11.9 7.5 7.6 17 SFV17R-3/4STBHLF 14.0 12.4 8.0 8.1 18 SFV18R-3/4STBHLF 14.5 12.9 8.5 8.6 19 SFV19R-3/4STBHLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STBHLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STBHLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STBHLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STBHLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STBHLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STBHLF 17.5 15.9 11.5 11.6 26 SFV26R-3/4STBHLF 18.0 16.4 12.0 12.1 27 SFV27R-3/4STBHLF 18.0 16.4 12.0 12.1 28 SFV27R-3/4STBHLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.0 17.4 13.0 13.1 30 SFV30R-3/4STBHLF 19.5 17.9 13.5 13.6 31 SFV31R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 19.5 17.9 13.5 13.6 31 SFV31R-3/4STBHLF 20.0 18.4 14.0 14.1 32 SFV32R-3/4STBHLF 19.5 17.9 15.5 15.6 33 SFV33R-3/4STBHLF 20.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 20.0 19.4 15.0 15.1 33 SFV33R-3/4STBHLF 21.5 19.9 15.5 15.6	7	SFV 7R-3/4STBHLF	9.0	7.4	3.0	3.1
10 SFV10R-3/4STBHLF 10.5 8.9 4.5 4.6 11 SFV11R-3/4STBHLF 11.0 9.4 5.0 5.1 12 SFV12R-3/4STBHLF 11.5 9.9 5.5 5.6 13 SFV13R-3/4STBHLF 12.0 10.4 6.0 6.1 14 SFV14R-3/4STBHLF 12.5 10.9 6.5 6.6 15 SFV15R-3/4STBHLF 13.0 11.4 7.0 7.1 16 SFV16R-3/4STBHLF 13.5 11.9 7.5 7.6 17 SFV17R-3/4STBHLF 14.0 12.4 8.0 8.1 18 SFV18R-3/4STBHLF 14.5 12.9 8.5 8.6 19 SFV29R-3/4STBHLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STBHLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STB_HLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STB_HLF 17.0 15.4	8	SFV 8R-3/4STBHLF	9.5	7.9	3.5	3.6
11 SFV11R-3/4STB_HLF 11.0 9.4 5.0 5.1 12 SFV12R-3/4STB_HLF 11.5 9.9 5.5 5.6 13 SFV13R-3/4STB_HLF 12.0 10.4 6.0 6.1 14 SFV14R-3/4STB_HLF 12.5 10.9 6.5 6.6 15 SFV15R-3/4STB_HLF 13.0 11.4 7.0 7.1 16 SFV16R-3/4STB_HLF 14.0 12.4 8.0 8.1 17 SFV17R-3/4STB_HLF 14.0 12.4 8.0 8.1 18 SFV18R-3/4STB_HLF 14.5 12.9 8.5 8.6 19 SFV19R-3/4STB_HLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STB_HLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STB_HLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STB_HLF 17.0 15.4 11.0 11.1 24 SFV23R-3/4STB_HLF 17.5 15.9 11	9	SFV 9R-3/4STBHLF	10.0	8.4	4.0	4.1
12 SFV12R-3/4STB_HLF 11.5 9.9 5.5 5.6 13 SFV13R-3/4STB_HLF 12.0 10.4 6.0 6.1 14 SFV14R-3/4STB_HLF 12.5 10.9 6.5 6.6 15 SFV15R-3/4STB_HLF 13.0 11.4 7.0 7.1 16 SFV16R-3/4STB_HLF 13.5 11.9 7.5 7.6 17 SFV17R-3/4STB_HLF 14.0 12.4 8.0 8.1 18 SFV18R-3/4STB_HLF 14.5 12.9 8.5 8.6 19 SFV19R-3/4STB_HLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STB_HLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STB_HLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STB_HLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STB_HLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STB_HLF 17.5 15.9 <td< td=""><td>10</td><td>SFV10R-3/4STBHLF</td><td>10.5</td><td>8.9</td><td>4.5</td><td>4.6</td></td<>	10	SFV10R-3/4STBHLF	10.5	8.9	4.5	4.6
13 SFV13R-3/4STBHLF 12.0 10.4 6.0 6.1 14 SFV14R-3/4STBHLF 12.5 10.9 6.5 6.6 15 SFV15R-3/4STBHLF 13.0 11.4 7.0 7.1 16 SFV16R-3/4STBHLF 13.5 11.9 7.5 7.6 17 SFV17R-3/4STBHLF 14.0 12.4 8.0 8.1 18 SFV18R-3/4STBHLF 14.5 12.9 8.5 8.6 19 SFV19R-3/4STBHLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STBHLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STBHLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STBHLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STBHLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STBHLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STBHLF 18.5 16.9<	11	SFV11R-3/4STBHLF	11.0	9.4	5.0	5.1
14 SFV14R-3/4STB_HLF 12.5 10.9 6.5 6.6 15 SFV15R-3/4STB_HLF 13.0 11.4 7.0 7.1 16 SFV16R-3/4STB_HLF 13.5 11.9 7.5 7.6 17 SFV17R-3/4STB_HLF 14.0 12.4 8.0 8.1 18 SFV18R-3/4STB_HLF 14.5 12.9 8.5 8.6 19 SFV19R-3/4STB_HLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STB_HLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STB_HLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STB_HLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STB_HLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STB_HLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STB_HLF 19.0 17.4 13.0 13.1 28 SFV27R-3/4STB_HLF 19.5 17.9	12	SFV12R-3/4STBHLF	11.5	9.9	5.5	5.6
15 SFV15R-3/4STB_HLF 13.0 11.4 7.0 7.1 16 SFV16R-3/4STB_HLF 13.5 11.9 7.5 7.6 17 SFV17R-3/4STB_HLF 14.0 12.4 8.0 8.1 18 SFV18R-3/4STB_HLF 14.5 12.9 8.5 8.6 19 SFV19R-3/4STB_HLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STB_HLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STB_HLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STB_HLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STB_HLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STB_HLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STB_HLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STB_HLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STB_HLF 19.0 17.4	13	SFV13R-3/4STBHLF	12.0	10.4	6.0	6.1
16 SFV16R-3/4STBHLF 13.5 11.9 7.5 7.6 17 SFV17R-3/4STBHLF 14.0 12.4 8.0 8.1 18 SFV19R-3/4STBHLF 14.5 12.9 8.5 8.6 19 SFV19R-3/4STBHLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STBHLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STBHLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STBHLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STBHLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STBHLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STBHLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STBHLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.5 <td< td=""><td>14</td><td>SFV14R-3/4STBHLF</td><td>12.5</td><td>10.9</td><td>6.5</td><td>6.6</td></td<>	14	SFV14R-3/4STBHLF	12.5	10.9	6.5	6.6
17 SFV17R-3/4STBHLF 14.0 12.4 8.0 8.1 18 SFV18R-3/4STBHLF 14.5 12.9 8.5 8.6 19 SFV19R-3/4STBHLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STBHLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STBHLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STBHLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STBHLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STBHLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STBHLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STBHLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STBHLF 20.0 <	15	SFV15R-3/4STBHLF	13.0	11.4	7.0	7.1
18 SFV18R-3/4STB_HLF 14.5 12.9 8.5 8.6 19 SFV19R-3/4STB_HLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STB_HLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STB_HLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STB_HLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STB_HLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STB_HLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STB_HLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STB_HLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STB_HLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STB_HLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STB_HLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STB_HLF 21.0 19.4 <td>16</td> <td>SFV16R-3/4STBHLF</td> <td>13.5</td> <td>11.9</td> <td>7.5</td> <td>7.6</td>	16	SFV16R-3/4STBHLF	13.5	11.9	7.5	7.6
19 SFV19R-3/4STBHLF 15.0 13.4 9.0 9.1 20 SFV20R-3/4STBHLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STBHLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STBHLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STBHLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STBHLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STBHLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STBHLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0	17	SFV17R-3/4STBHLF	14.0	12.4	8.0	8.1
20 SFV20R-3/4STBHLF 15.5 13.9 9.5 9.6 21 SFV21R-3/4STBHLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STBHLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STBHLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STBHLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STBHLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STBHLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5	18	SFV18R-3/4STBHLF	14.5	12.9	8.5	8.6
21 SFV21R-3/4STBHLF 16.0 14.4 10.0 10.1 22 SFV22R-3/4STBHLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STBHLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STBHLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STBHLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STBHLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0	19	SFV19R-3/4STBHLF	15.0	13.4	9.0	9.1
22 SFV22R-3/4STBHLF 16.5 14.9 10.5 10.6 23 SFV23R-3/4STBHLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STBHLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STBHLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STBHLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5	20	SFV20R-3/4STBHLF	15.5	13.9	9.5	9.6
23 SFV23R-3/4STBHLF 17.0 15.4 11.0 11.1 24 SFV24R-3/4STBHLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STBHLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STBHLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	21	SFV21R-3/4STBHLF	16.0	14.4	10.0	10.1
24 SFV24R-3/4STBHLF 17.5 15.9 11.5 11.6 25 SFV25R-3/4STBHLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STBHLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	22	SFV22R-3/4STBHLF	16.5	14.9	10.5	10.6
25 SFV25R-3/4STBHLF 18.0 16.4 12.0 12.1 26 SFV26R-3/4STBHLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	23	SFV23R-3/4STBHLF	17.0	15.4	11.0	11.1
26 SFV26R-3/4STBHLF 18.5 16.9 12.5 12.6 27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	24	SFV24R-3/4STBHLF	17.5	15.9	11.5	11.6
27 SFV27R-3/4STBHLF 19.0 17.4 13.0 13.1 28 SFV28R-3/4STBHLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	25	SFV25R-3/4STBHLF	18.0	16.4	12.0	12.1
28 SFV28R-3/4STBHLF 19.5 17.9 13.5 13.6 29 SFV29R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	26	SFV26R-3/4STBHLF	18.5	16.9	12.5	12.6
29 SFV29R-3/4STBHLF 20.0 18.4 14.0 14.1 30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	27	SFV27R-3/4STBHLF	19.0	17.4	13.0	13.1
30 SFV30R-3/4STBHLF 20.5 18.9 14.5 14.6 31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	28	SFV28R-3/4STBHLF	19.5	17.9	13.5	13.6
31 SFV31R-3/4STBHLF 21.0 19.4 15.0 15.1 32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	29	SFV29R-3/4STBHLF	20.0	18.4	14.0	14.1
32 SFV32R-3/4STBHLF 21.5 19.9 15.5 15.6 33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	30	SFV30R-3/4STBHLF	20.5	18.9	14.5	14.6
33 SFV33R-3/4STBHLF 22.0 20.4 16.0 16.1 34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	31	SFV31R-3/4STBHLF	21.0	19.4	15.0	15.1
34 SFV34R-3/4STBHLF 22.5 20.9 16.5 16.6	32	SFV32R-3/4STBHLF	21.5	19.9	15.5	15.6
2.1.1.1.2.2	33	SFV33R-3/4STBHLF	22.0	20.4	16.0	16.1
35 SFV35R-3/4STBHLF 23.0 21.4 17.0 17.1		SFV34R-3/4STBHLF	22.5	20.9	16.5	16.6
	35	SFV35R-3/4STBHLF	23.0	21.4	17.0	17.1

CAT. NO. SFV (n) R = 3 ST B = HLFSERIES NAME NO. OF CONTACTS RIGHT ANGLE TYPE FOR FPC, WITH CABLE LOCK MECHANISM CONTACT DIRECTION 3: LOWER CONTACT TYPE 4: UPPER CONTACT TYPE FOR AUTOMATIC MOUNTING (SMT)PLATING VARIATION PACKAGE STYLE HALOGEN AND LEAD FREE

NOTES

- 1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- 2. SEE PART DRAWINGS FOR DIMENSIONS A~D.
- 3. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

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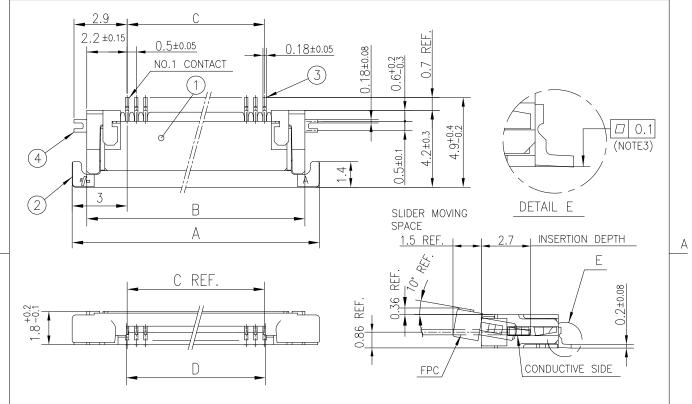
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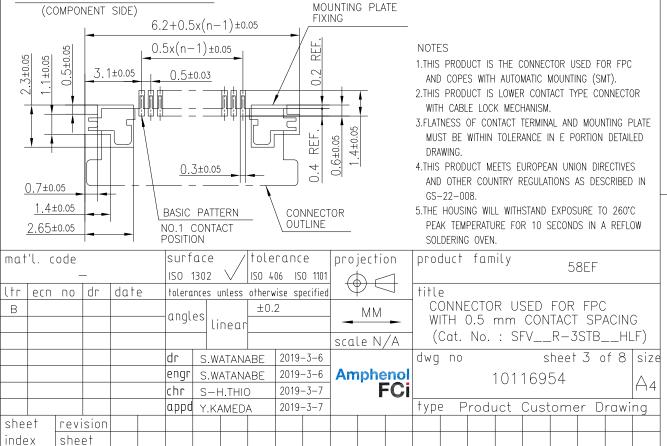




PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	13~35pin : LCP RESIN GLASS REINFORCED (UL94V-0) 4~12pin : POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK (HALOGEN FREE)
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : GRAY (HALOGEN FREE)
3	CONTACT	DUOCDUOD DDONZE	n	PLATING : GOLD
4	MOUNTING PLATE	PHOSPHOR BRONZE	2	PLATING : MATTE TIN

PATTERN FOR

n : NO. OF CONTACTS



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STATUS:Released

2 Printed: Mar.07

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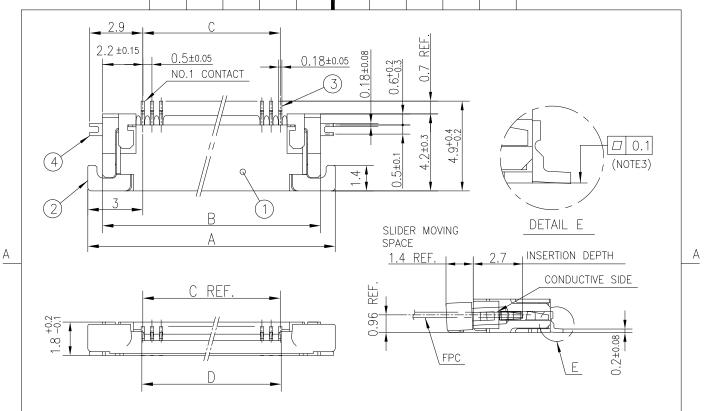
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RECOMMENDED PC BOARD LAYOUT

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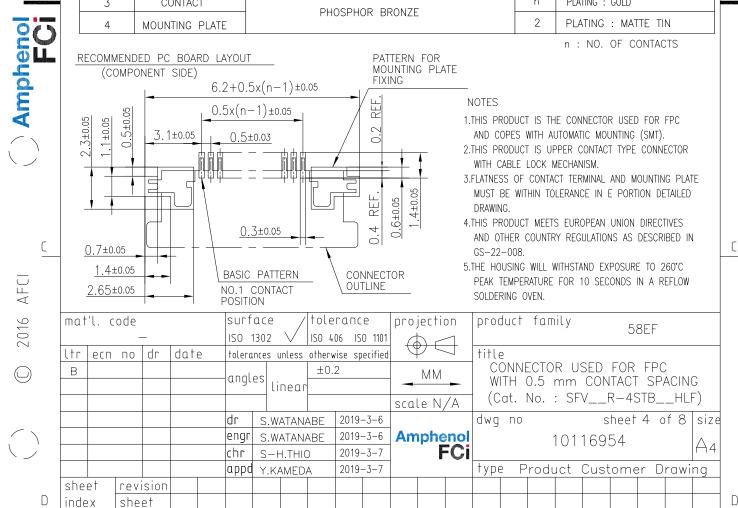




PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
	HOHOMA	13~35pin : LCP RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK (HALOGEN FREE)
1	HOUSING	4~12pin : POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	I	COLOR : BLACK (HALOGEN FREE)
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : GRAY (HALOGEN FREE)
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD
4	MOUNTING PLATE	PHOSPHOR BRONZE	2	PLATING : MATTE TIN

n: NO. OF CONTACTS

В



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CAT. NO. & DIMENSIONS

NO. OF	CAT NO	DIMENS	SIONS (NC	TE3)
CONTACTS (n)	CAT. NO.	F ± 5	G ± 0.3	H ± 0.1
4	SFV 4R-3/4STBE1HLF	20.4	16	
5	SFV 5 R-3/4STBE1HLF	20.4	16	
6	SFV 6 R-3/4STBE1HLF	20.4	16	
7	SFV 7 R-3/4STBE1HLF	28.4	24	
8	SFV 8 R-3/4STBE1HLF	28.4	24	
9	SFV 9 R-3/4STBE1HLF	28.4	24	
10	SFV10R-3/4STBE1HLF	28.4	24	
11	SFV11R-3/4STBE1HLF	28.4	24	
12	SFV12R-3/4STBE1HLF	28.4	24	
13	SFV13R-3/4STBE1HLF	28.4	24	
14	SFV14R-3/4STBE1HLF	28.4	24	
15	SFV15R-3/4STBE1HLF	28.4	24	
16	SFV16R-3/4STBE1HLF	28.4	24	
17	SFV17R-3/4STBE1HLF	28.4	24	
18	SFV18R-3/4STBE1HLF	28.4	24	
19	SFV19R-3/4STBE1HLF	28.4	24	
20	SFV20R-3/4STBE1HLF	28.4	24	
21	SFV21R-3/4STBE1HLF	28.4	24	
22	SFV22R-3/4STBE1HLF	28.4	24	
23	SFV23R-3/4STBE1HLF	36.4	32	28.4
24	SFV24R-3/4STBE1HLF	36.4	32	28.4
25	SFV25R-3/4STBE1HLF	36.4	32	28.4
26	SFV26R-3/4STBE1HLF	36.4	32	28.4
27	SFV27R-3/4STBE1HLF	36.4	32	28.4
28	SFV28R-3/4STBE1HLF	36.4	32	28.4
29	SFV29R-3/4STBE1HLF	36.4	32	28.4
30	SFV30R-3/4STBE1HLF	36.4	32	28.4
31	SFV31R-3/4STBE1HLF	48.4	44	40.4
32	SFV32R-3/4STBE1HLF	48.4	44	40.4
33	SFV33R-3/4STBE1HLF	48.4	44	40.4
34	SFV34R-3/4STBE1HLF	48.4	44	40.4
35	SFV35R-3/4STBE1HLF	48.4	44	40.4

SFV (n) R = 3 ST B E1 HLF SERIES NAME NO. OF CONTACTS RIGHT ANGLE TYPE FOR FPC, WITH CABLE LOCK MECHANISM CONTACT DIRECTION 3: LOWER CONTACT TYPE 4: UPPER CONTACT TYPE FOR AUTOMATIC MOUNTING (SMT) PLATING VARIATION PACKAGE STYLE HALOGEN FREE AND LEAD FREE -

NOTES

CAT. NO.

- 1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- 2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED
- 3. SEE PART DRAWINGS FOR DIMENSIONS F~H.
- 4. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

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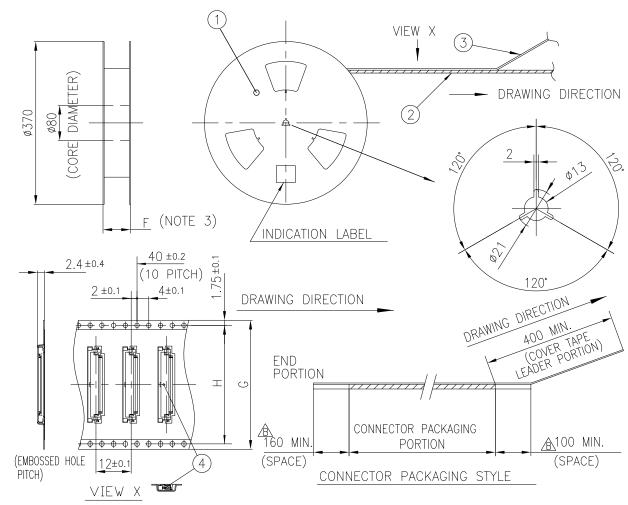
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PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL		CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE		A PS or A-PET		COLOR : TRANSPARENCY
3	COVER		&POLYESTER,POLYETHYLENE		COLOR : TRANSPARENCY
4	CONNECTOR	SFVR-3STBHLF	SEE SHEET 3	3000	LOWER CONTACT TYPE WITH CABLE LOCK MECHANISM

NOTES

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- 1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- 2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- 3. F DIMENSION IS PORTION OF THE CORE.

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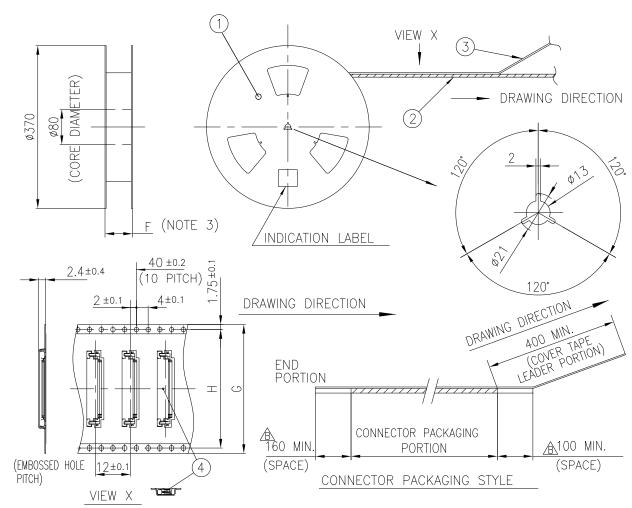
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PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL		CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE		⚠ PS or A-PET		COLOR : TRANSPARENCY
3	COVER		&POLYESTER,POLYETHYLENE		COLOR : TRANSPARENCY
4	CONNECTOR	SFVR-4STBHLF	SEE SHEET 4	3000	UPPER CONTACT TYPE WITH CABLE LOCK MECHANISM

NOTES

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- 1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- 2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
- 3. F DIMENSION IS PORTION OF THE CORE.

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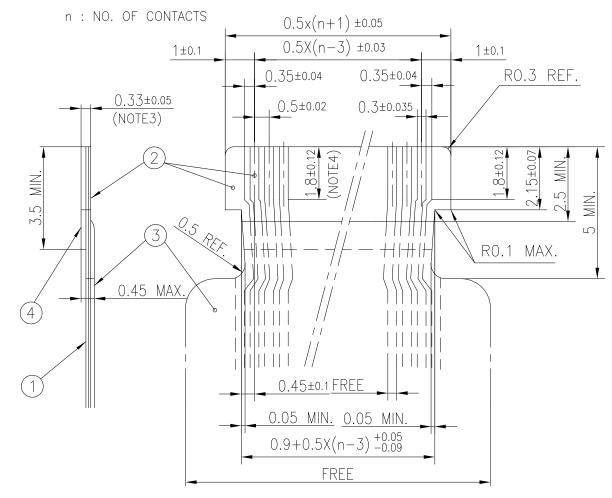
RECOMMENDED CABLE (FPC)

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PT. NO.	PARTS NAME	MATERIAL	THICKNESS	(um)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25	
2	CONDUCTOR	COPPER FOIL(PLATING : GOLD)	35	
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUIVARENT		
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUIVARENT	188	

NOTES

- 1. NO BURR AT EACH PORTION.
- 2. NO PEELING IN COMMON USE.
- 3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.
- 4. THIS DIMENSION INDICATES THE RANGE FOR 0.3 ±0.035 CONDUCTOR WIDTH.

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PDS: Rev :B

STATUS:Released