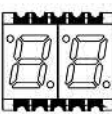
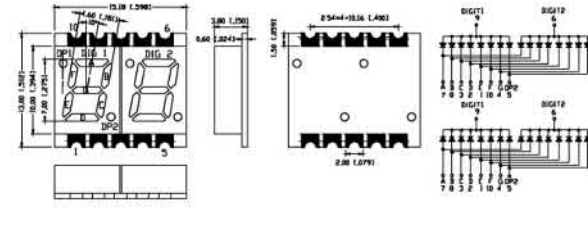
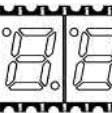
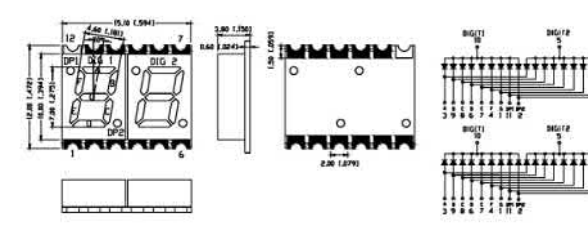
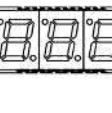
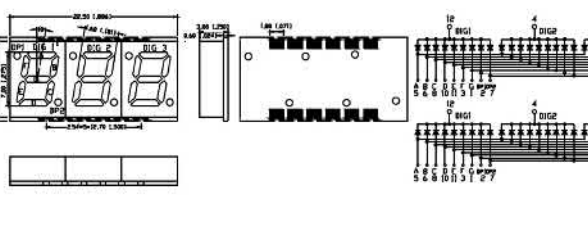
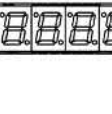
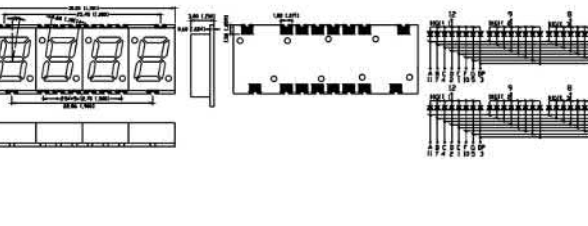
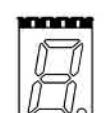
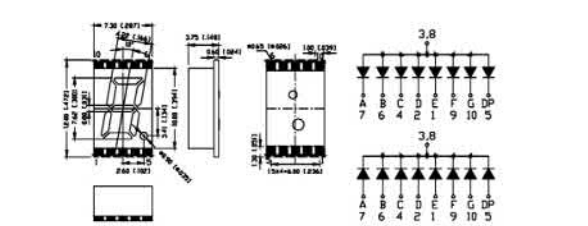
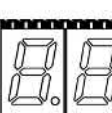
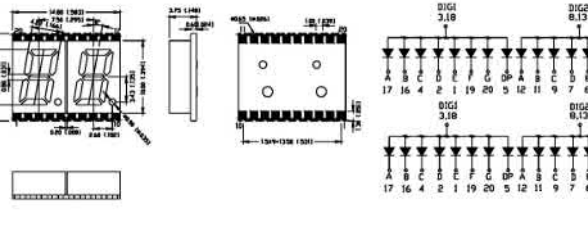
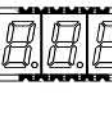
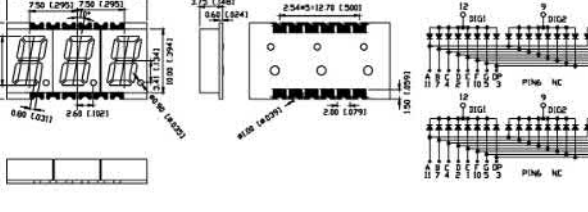

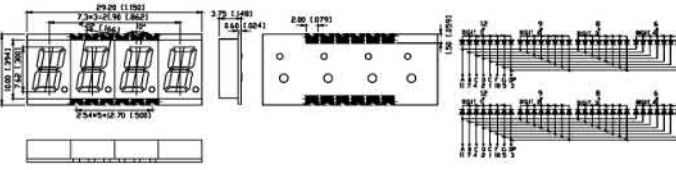
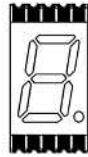
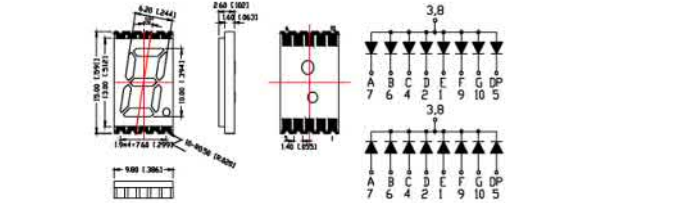
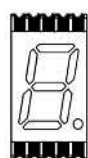
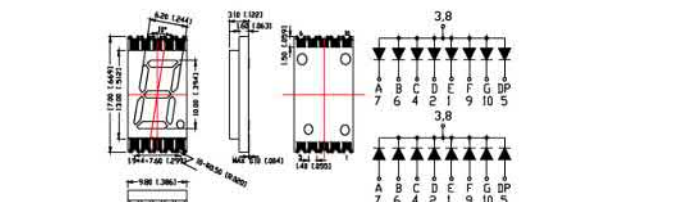
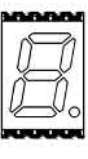
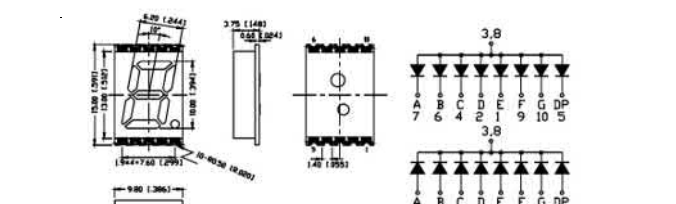
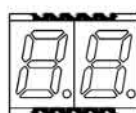
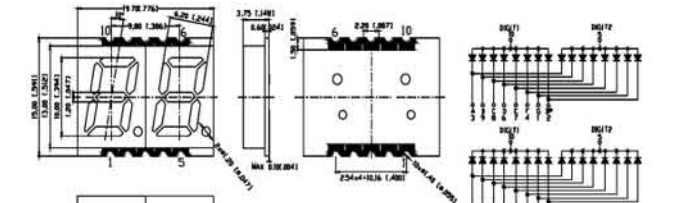
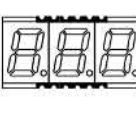
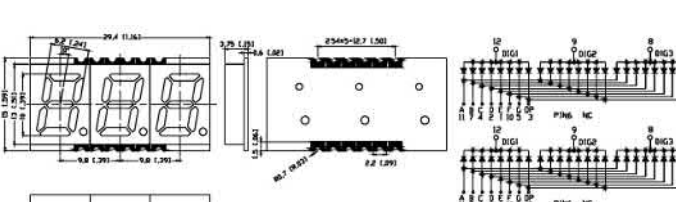
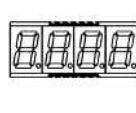
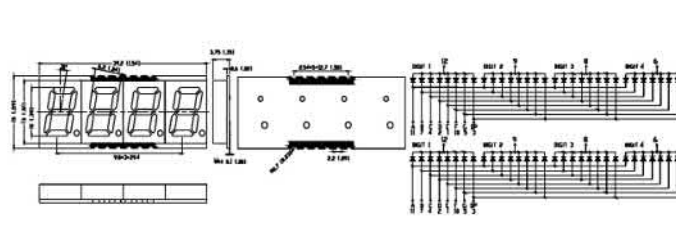


Product Type	Common anode	Common Cathode	Package Dimensions & internal circuit	Emitted color	Wd	Lv@10mA/mcd
0.2 Inch Single Digit 	MSD-SR 0217	MSD-SR 0210		Super Red	640nm	3
	MSD-UR 0217	MSD-UR 0210		Ultra Red	620	9
	MSD-O 0217	MSD-O 0210		Orange	605	5
	MSD-Y 0217	MSD-Y 0210		Yellow	580	5
	MSD-YG 0217	MSD-YG 0210		Yellowish green	570nm	3
	MSD-PG 0217	MSD-PG 0210		Pure Green	520nm	15
	MSD-B 0217	MSD-B 0210		Blue	470nm	11
	MSD-W 0217	MSD-W 0210		White	x0.27 y0.25	30
0.2 Inch Single Digit 	MSD-SR 0217	MSD-SR 0210		※波長・発光色は各パッケージ共通です。		
	MSD-UR 0217	MSD-UR 0210				
	MSD-O 0217	MSD-O 0210				
	MSD-Y 0217	MSD-Y 0210				
	MSD-YG 0217	MSD-YG 0210				
	MSD-PG 0217	MSD-PG 0210				
	MSD-B 0217	MSD-B 0210				
	MSD-W 0217	MSD-W 0210				
0.2 Inch Dual Digit 	MSD-SR 0227	MSD-SR 0220				
	MSD-UR 0227	MSD-UR 0220				
	MSD-O 0227	MSD-O 0220				
	MSD-Y 0227	MSD-Y 0220				
	MSD-YG 0227	MSD-YG 0220				
	MSD-PG 0227	MSD-PG 0220				
	MSD-B 0227	MSD-B 0220				
	MSD-W 0227	MSD-W 0220				
0.2 Inch Three Digit 	MSD-SR 0237	MSD-SR 0230				
	MSD-UR 0237	MSD-UR 0230				
	MSD-O 0237	MSD-O 0230				
	MSD-Y 0237	MSD-Y 0230				
	MSD-YG 0237	MSD-YG 0230				
	MSD-PG 0237	MSD-PG 0230				
	MSD-B 0237	MSD-B 0230				
	MSD-W 0237	MSD-W 0230				
0.2 Inch Four Digit 	MSD-SR 0247	MSD-SR 0240				
	MSD-UR 0247	MSD-UR 0240				
	MSD-O 0247	MSD-O 0240				
	MSD-Y 0247	MSD-Y 0240				
	MSD-YG 0247	MSD-YG 0240				
	MSD-PG 0247	MSD-PG 0240				
	MSD-B 0247	MSD-B 0240				
	MSD-W 0247	MSD-W 0240				
0.28 Inch Single Digit 	MSD-SR 02817	MSD-SR 02810				
	MSD-UR 02817	MSD-UR 02810				
	MSD-O 02817	MSD-O 02810				
	MSD-Y 02817	MSD-Y 02810				
	MSD-YG 02817	MSD-YG 02810				
	MSD-PG 02817	MSD-PG 02810				
	MSD-B 02817	MSD-B 02810				
	MSD-W 02817	MSD-W 02810				

0.28 Inch Dual Digit 	MSD-SR 02827	MSD-SR 02820	
	MSD-UR 02827	MSD-UR 02820	
	MSD-O 02827	MSD-O 02820	
	MSD-Y 02827	MSD-Y 02820	
	MSD-YG 02827	MSD-YG 02820	
	MSD-PG 02827	MSD-PG 02820	
	MSD-B 02827	MSD-B 02820	
	MSD-W 02827	MSD-W 02820	
0.28 Inch Dual Digit 	MSD-SR 02827	MSD-SR 02820	
	MSD-UR 02827	MSD-UR 02820	
	MSD-O 02827	MSD-O 02820	
	MSD-Y 02827	MSD-Y 02820	
	MSD-YG 02827	MSD-YG 02820	
	MSD-PG 02827	MSD-PG 02820	
	MSD-B 02827	MSD-B 02820	
	MSD-W 02827	MSD-W 02820	
0.28 Inch Three Digit 	MSD-SR 02837	MSD-SR 02830	
	MSD-UR 02837	MSD-UR 02830	
	MSD-O 02837	MSD-O 02830	
	MSD-Y 02837	MSD-Y 02830	
	MSD-YG 02837	MSD-YG 02830	
	MSD-PG 02837	MSD-PG 02830	
	MSD-B 02837	MSD-B 02830	
	MSD-W 02837	MSD-W 02830	
0.28 Inch Four Digit 	MSD-SR 02847	MSD-SR 02840	
	MSD-UR 02847	MSD-UR 02840	
	MSD-O 02847	MSD-O 02840	
	MSD-Y 02847	MSD-Y 02840	
	MSD-YG 02847	MSD-YG 02840	
	MSD-PG 02847	MSD-PG 02840	
	MSD-B 02847	MSD-B 02840	
	MSD-W 02847	MSD-W 02840	
0.3 Inch Single Digit 	MSD-SR 0317	MSD-SR 0310	
	MSD-UR 0317	MSD-UR 0310	
	MSD-O 0317	MSD-O 0310	
	MSD-Y 0317	MSD-Y 0310	
	MSD-YG 0317	MSD-YG 0310	
	MSD-PG 0317	MSD-PG 0310	
	MSD-B 0317	MSD-B 0310	
	MSD-W 0317	MSD-W 0310	
0.3 Inch Dual Digit 	MSD-SR 0327	MSD-SR 0320	
	MSD-UR 0327	MSD-UR 0320	
	MSD-O 0327	MSD-O 0320	
	MSD-Y 0327	MSD-Y 0320	
	MSD-YG 0327	MSD-YG 0320	
	MSD-PG 0327	MSD-PG 0320	
	MSD-B 0327	MSD-B 0320	
	MSD-W 0327	MSD-W 0320	
0.3 Inch Three Digit 	MSD-SR 0337	MSD-SR 0330	
	MSD-UR 0337	MSD-UR 0330	
	MSD-O 0337	MSD-O 0330	
	MSD-Y 0337	MSD-Y 0330	
	MSD-YG 0337	MSD-YG 0330	
	MSD-PG 0337	MSD-PG 0330	
	MSD-B 0337	MSD-B 0330	
	MSD-W 0337	MSD-W 0330	

Emitted color	Wd	<a href="#">λd(10nm)</a>
Super Red	640nm	3
Ultra Red	620	9
Orange	605	5
Yellow	580	5
Yellowish green	570nm	3
Pure Green	520nm	15
Blue	470nm	11
White	s0.27 y0.25	30

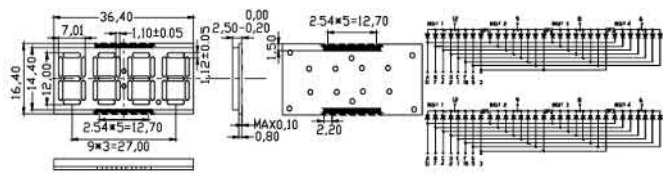
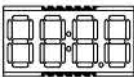
※波長・発光色は各パッケージ共通です。

<p>0.3 Inch Four Digit</p> 	<p>MSD-SR 0347 MSD-SR 0340  MSD-UR 0347 MSD-UR 0340  MSD-O 0347 MSD-O 0340  MSD-Y 0347 MSD-Y 0340  MSD-YG 0347 MSD-YG 0340  MSD-PG 0347 MSD-PG 0340  MSD-B 0347 MSD-B 0340  MSD-W 0347 MSD-W 0340</p>	
<p>0.39 Inch Single Digit</p> 	<p>MSD-SR 03917 MSD-SR 03910  MSD-UR 03917 MSD-UR 03910  MSD-O 03917 MSD-O 03910  MSD-Y 03917 MSD-Y 03910  MSD-YG 03917 MSD-YG 03910  MSD-PG 03917 MSD-PG 03910  MSD-B 03917 MSD-B 03910  MSD-W 03917 MSD-W 03910</p>	
<p>0.39 Inch Single Digit</p> 	<p>MSD-SR 03917 MSD-SR 03910  MSD-UR 03917 MSD-UR 03910  MSD-O 03917 MSD-O 03910  MSD-Y 03917 MSD-Y 03910  MSD-YG 03917 MSD-YG 03910  MSD-PG 03917 MSD-PG 03910  MSD-B 03917 MSD-B 03910  MSD-W 03917 MSD-W 03910</p>	
<p>0.39 Inch Single Digit</p> 	<p>MSD-SR 03917 MSD-SR 03910  MSD-UR 03917 MSD-UR 03910  MSD-O 03917 MSD-O 03910  MSD-Y 03917 MSD-Y 03910  MSD-YG 03917 MSD-YG 03910  MSD-PG 03917 MSD-PG 03910  MSD-B 03917 MSD-B 03910  MSD-W 03917 MSD-W 03910</p>	
<p>0.39 Inch Dual Digit</p> 	<p>MSD-SR 03927 MSD-SR 03920  MSD-UR 03927 MSD-UR 03920  MSD-O 03927 MSD-O 03920  MSD-Y 03927 MSD-Y 03920  MSD-YG 03927 MSD-YG 03920  MSD-PG 03927 MSD-PG 03920  MSD-B 03927 MSD-B 03920  MSD-W 03927 MSD-W 03920</p>	
<p>0.39 Inch Three Digit</p> 	<p>MSD-SR 03937 MSD-SR 03930  MSD-UR 03937 MSD-UR 03930  MSD-O 03937 MSD-O 03930  MSD-Y 03937 MSD-Y 03930  MSD-YG 03937 MSD-YG 03930  MSD-PG 03937 MSD-PG 03930  MSD-B 03937 MSD-B 03930  MSD-W 03937 MSD-W 03930</p>	
<p>0.39 Inch Four Digit</p> 	<p>MSD-SR 03947 MSD-SR 03940  MSD-UR 03947 MSD-UR 03940  MSD-O 03947 MSD-O 03940  MSD-Y 03947 MSD-Y 03940  MSD-YG 03947 MSD-YG 03940  MSD-PG 03947 MSD-PG 03940  MSD-B 03947 MSD-B 03940  MSD-W 03947 MSD-W 03940</p>	

Emitted color	Wd	λx①0nm(ncd)
Super Red	640nm	3
Ultra Red	620	9
Orange	605	5
Yellow	580	5
Yellowish green	570nm	3
Pure Green	520nm	15
Blue	470nm	11
White	x0.27 y0.25	30

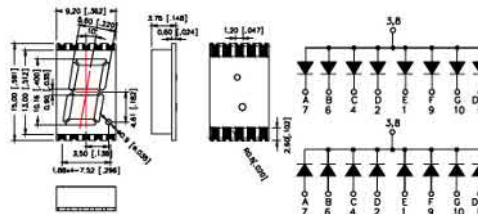
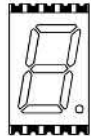
※波長・発光色は各パッケージ共通です。

0.39 Inch Four Digit	MSD-SR 03947	MSD-SR 03940
	MSD-UR 03947	MSD-UR 03940
	MSD-O 03947	MSD-O 03940
	MSD-Y 03947	MSD-Y 03940
	MSD-YG 03947	MSD-YG 03940
	MSD-PG 03947	MSD-PG 03940
	MSD-B 03947	MSD-B 03940
	MSD-W03947	MSD-W 03940
	MSD-W03947	MSD-W 03940



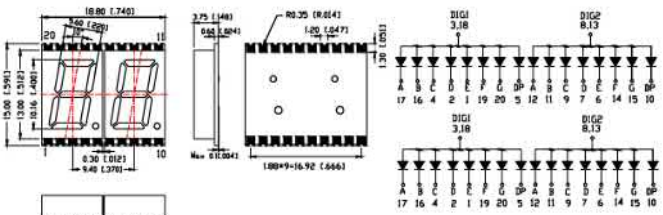
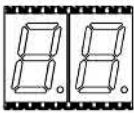
Emitted color	Wd	Ix@10mA(mcd)
Super Red	640nm	3
Ultra Red	620	9
Orange	605	5
Yellow	580	5
Yellowish green	570nm	3
Pure Green	520nm	15
Blue	470nm	11
White	±0.27 ±0.25	30

0.4 Inch Single Digit	MSD-SR 0417	MSD-SR 0410
	MSD-UR 0417	MSD-UR 0410
	MSD-O 0417	MSD-O 0410
	MSD-Y 0417	MSD-Y 0410
	MSD-YG 0417	MSD-YG 0410
	MSD-PG 0417	MSD-PG 0410
	MSD-B 0417	MSD-B 0410
	MSD-W 0417	MSD-W 0410

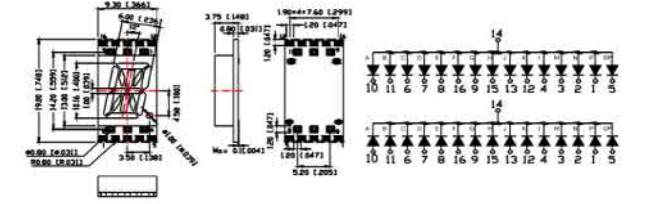


※波長・発光色は各パッケージ共通です。

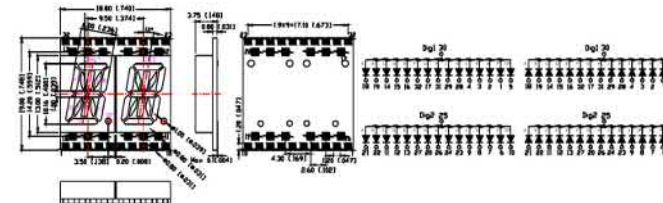
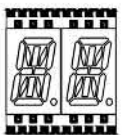
0.4 Inch Dual Digit	MSD-SR 0427	MSD-SR 0420
	MSD-UR 0427	MSD-UR 0420
	MSD-O 0427	MSD-O 0420
	MSD-Y 0427	MSD-Y 0420
	MSD-YG 0427	MSD-YG 0420
	MSD-PG 0427	MSD-PG 0420
	MSD-B 0427	MSD-B 0420
	MSD-W 0427	MSD-W 0420



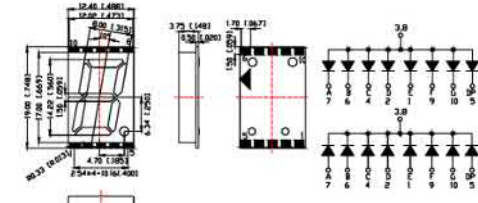
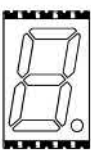
0.4 Inch Single Digit 14 seg.	MSD-SR 0417	MSD-SR 0410
	MSD-UR 0417	MSD-UR 0410
	MSD-O 0417	MSD-O 0410
	MSD-Y 0417	MSD-Y 0410
	MSD-YG 0417	MSD-YG 0410
	MSD-PG 0417	MSD-PG 0410
	MSD-B 0417	MSD-B 0410



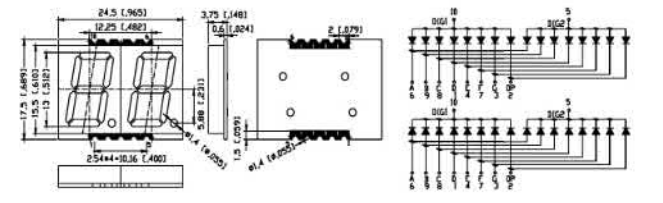
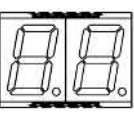
0.4 Inch Dual Digit 14 seg.	MSD-SR 0427	MSD-SR 0420
	MSD-UR 0427	MSD-UR 0420
	MSD-O 0427	MSD-O 0420
	MSD-Y 0427	MSD-Y 0420
	MSD-YG 0427	MSD-YG 0420
	MSD-PG 0427	MSD-PG 0420
	MSD-B 0427	MSD-B 0420

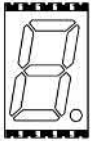
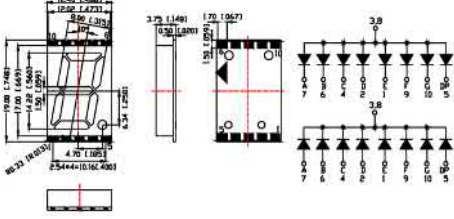

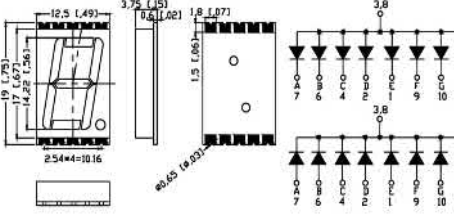
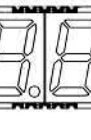
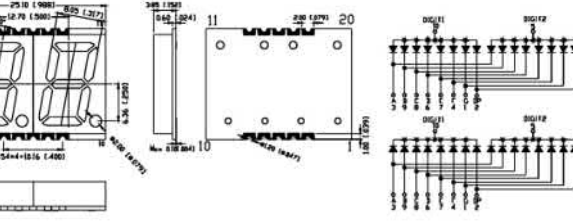
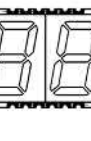
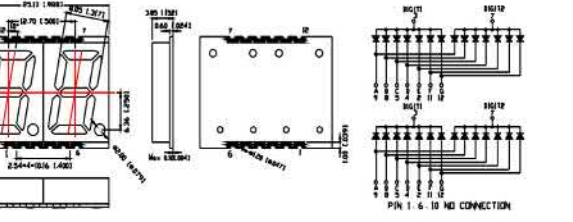

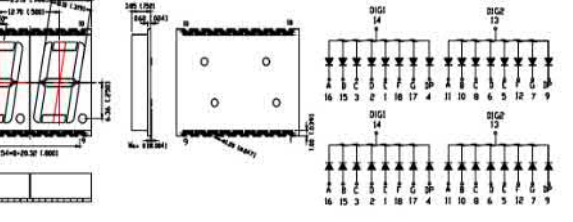
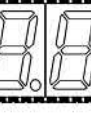
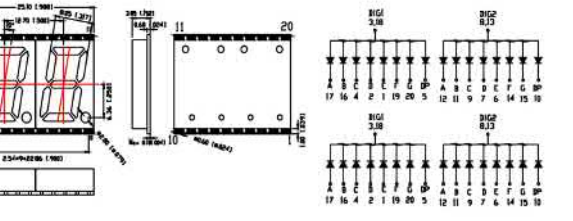

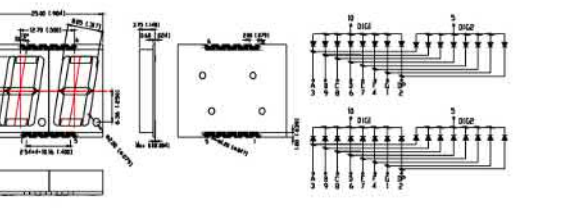


0.51 Inch Single Digit	MSD-SR 05117	MSD-SR 05110
	MSD-UR 05117	MSD-UR 05110
	MSD-O 05117	MSD-O 05110
	MSD-Y 05117	MSD-Y 05110
	MSD-YG 05117	MSD-YG 05110
	MSD-PG 05117	MSD-P 05110
	MSD-B 05117	MSD-B 05110
	MSD-W 05117	MSD-W 05110



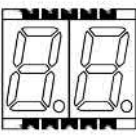
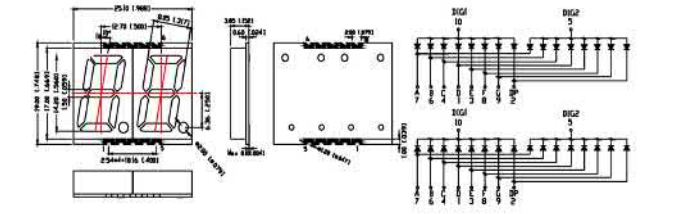
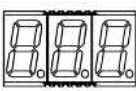
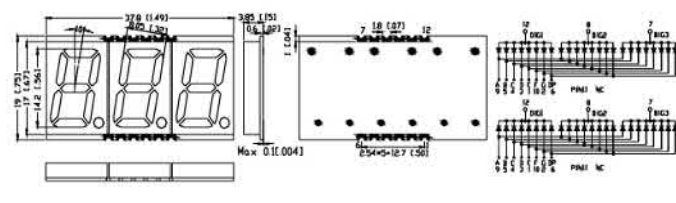
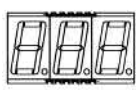
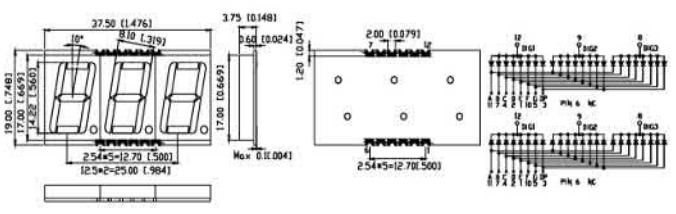
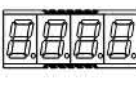
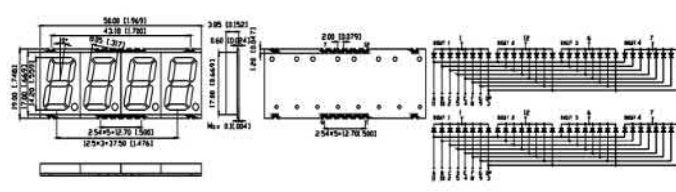
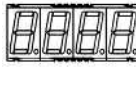
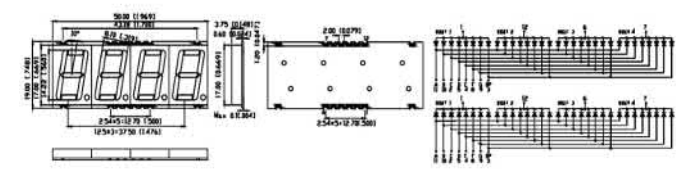
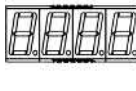
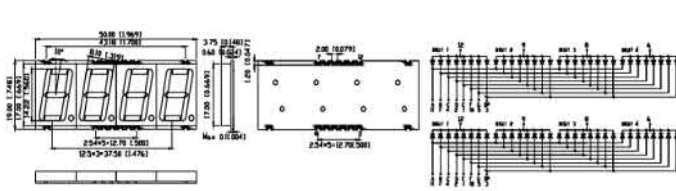
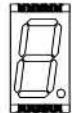
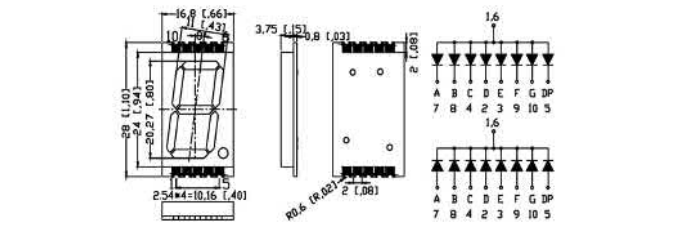
0.51 Inch Dual Digit	MSD-SR 05127	MSD-SR 05120
	MSD-UR 05127	MSD-UR 05120
	MSD-O 05127	MSD-O 05120
	MSD-Y 05127	MSD-Y 05120
	MSD-YG 05127	MSD-YG 05120
	MSD-PG 05127	MSD-PG 05120
	MSD-B 05127	MSD-B 05120
	MSD-W 05127	MSD-W 05120



<p>0.56 Inch Single Digit</p> 	<p>MSD-SR 05617 MSD-SR 05610  MSD-UR 05617 MSD-UR 05610  MSD-O 05617 MSD-O 05610  MSD-Y 05617 MSD-Y 05610  MSD-YG 05617 MSD-YG 05610  MSD-PG 05617 MSD-PG 05610  MSD-B 05617 MSD-B 05610  MSD-W 05617 MSD-W 05610</p>	
<p>0.56 Inch Single Digit</p> 	<p>MSD-SR 05617 MSD-SR 05610  MSD-UR 05617 MSD-UR 05610  MSD-O 05617 MSD-O 05610  MSD-Y 05617 MSD-Y 05610  MSD-YG 05617 MSD-YG 05610  MSD-PG 05617 MSD-PG 05610  MSD-B 05617 MSD-B 05610  MSD-W 05617 MSD-W 05610</p>	
<p>0.56 Inch Dual Digit</p> 	<p>MSD-SR 05627 MSD-SR 05620  MSD-UR 05627 MSD-UR 05620  MSD-O 05627 MSD-O 05620  MSD-Y 05627 MSD-Y 05620  MSD-YG 05627 MSD-YG 05620  MSD-PG 05627 MSD-PG 05620  MSD-B 05627 MSD-B 05620  MSD-W 05627 MSD-W 05620</p>	
<p>0.56 Inch Dual Digit</p> 	<p>MSD-SR 05627 MSD-SR05620  MSD-UR 05627 MSD-UR 05620  MSD-O 05627 MSD-O 05620  MSD-Y 05627 MSD-Y 05620  MSD-YG 05627 MSD-YG 05620  MSD-PG 05627 MSD-PG 05620  MSD-B 05627 MSD-B 05620  MSD-W 05627 MSD-W 05620</p>	
<p>0.56 Inch Dual Digit</p> 	<p>MSD-SR 05627 MSD-SR 05620  MSD-UR 05627 MSD-UR 05620  MSD-O 05627 MSD-O 05620  MSD-Y 05627 MSD-Y 05620  MSD-YG 05627 MSD-YG 05620  MSD-PG 05627 MSD-PG 05620  MSD-B 05627 MSD-B 05620  MSD-W 05627 MSD-W 05620</p>	
<p>0.56 Inch Dual Digit</p> 	<p>MSD-SR 05627 MSD-SR 05620  MSD-UR 05627 MSD-UR 05620  MSD-O 05627 MSD-O 05620  MSD-Y 05627 MSD-Y 05620  MSD-YG 05627 MSD-YG 05620  MSD-PG 05627 MSD-PG 05620  MSD-B 05627 MSD-B 05620  MSD-W 05627 MSD-W 05620</p>	
<p>0.56 Inch Dual Digit</p> 	<p>MSD-SR 05627 MSD-SR 05620  MSD-UR 05627 MSD-UR 05620  MSD-O 05627 MSD-O 05620  MSD-Y 05627 MSD-Y 05620  MSD-YG 05627 MSD-YG 05620  MSD-PG 05627 MSD-PG 05620  MSD-B 05627 MSD-B 05620  MSD-W 05627 MSD-W 05620</p>	

Emitted color	Wd	λd(10mA,mod)
Super Red	640nm	3
Ultra Red	620	9
Orange	605	5
Yellow	580	5
Yellowish green	570nm	3
Pure Green	520nm	15
Blue	470nm	11
White	x0.27 y0.25	30

※波長・発光色は各パッケージ共通です。

<p>0.56 Inch Dual Digit</p> 	<p>MSD-SR 05627 MSD-SR 05620  MSD-UR 05627 MSD-UR 05620  MSD-O 05627 MSD-O 05620  MSD-Y 05627 MSD-Y 05620  MSD-YG 05627 MSD-YG 05620  MSD-PG 05627 MSD-PG 05620  MSD-B 05627 MSD-B 05620  MSD-W 05627 MSD-W 05620</p>	
<p>0.56 Inch Three Digit</p> 	<p>MSD-SR 05637 MSD-SR 05630  MSD-UR 05637 MSD-UR 05630  MSD-O 05637 MSD-O 05630  MSD-Y 05637 MSD-Y 05630  MSD-YG 05637 MSD-YG 05630  MSD-PG 05637 MSD-PG 05630  MSD-B 05637 MSD-B 05630  MSD-W 05637 MSD-W 05630</p>	
<p>0.56 Inch Three Digit</p> 	<p>MSD-SR 05637 MSD-SR 05630  MSD-UR 05637 MSD-UR 05630  MSD-O 05637 MSD-O 05630  MSD-Y 05637 MSD-Y 05630  MSD-YG 05637 MSD-YG 05630  MSD-PG 05637 MSD-PG 05630  MSD-B 05637 MSD-B 05630  MSD-W 05637 MSD-W 05630</p>	
<p>0.56 Inch Four Digit</p> 	<p>MSD-SR 05647 MSD-SR 05640  MSD-UR 05647 MSD-U R05640  MSD-O 05647 MSD-O 05640  MSD-Y 05647 MSD-Y 05640  MSD-YG 05647 MSD-YG05640  MSD-PG 05647 MSD-PG 05640  MSD-B 05647 MSD-B 05640  MSD-W 05647 MSD-W 05640</p>	
<p>0.56 Inch Four Digit</p> 	<p>MSD-SR 05647 MSD-SR 05640  MSD-UR 05647 MSD-UR 05640  MSD-O 05647 MSD-O 05640  MSD-Y 05647 MSD-Y 05640  MSD-YG 05647 MSD-YG 05640  MSD-PG 05647 MSD-PG 05640  MSD-B 05647 MSD-B 05640  MSD-W 05647 MSD-W 05640</p>	
<p>0.56 Inch Four Digit</p> 	<p>MSD-SR 05647 MSD-SR 05640  MSD-UR 05647 MSD-UR 05640  MSD-O 05647 MSD-O 05640  MSD-Y 05647 MSD-Y 05640  MSD-YG 05647 MSD-YG 05640  MSD-PG 05647 MSD-PG 05640  MSD-B 05647 MSD-B 05640  MSD-W 05647 MSD-W 05640</p>	
<p>0.8 Inch Single Digit</p> 	<p>MSD-SR 0817 MSD-SR 0810  MSD-UR 0817 MSD-UR 0810  MSD-O 0817 MSD-O 0810  MSD-Y0817 MSD-Y 0810  MSD-YG 0817 MSD-YG 0810  MSD-PG 0817 MSD-PG 0810  MSD-B 0817 MSD-B 0810  MSD-W 0817 MSD-W 0810</p>	

Emitted color	Wd	λ (nm)
Super Red	640nm	3
Ultra Red	620	9
Orange	605	5
Yellow	580	5
Yellowish green	570nm	3
Pure Green	520nm	15
Blue	470nm	11
White	x0.27 y0.25	30

※波長・発光色は各パッケージ共通です。