



FCIconnect.com



PRODUCT NUMBER

20020201-XXXXXXLF

20020201—□ □ □ □ △ □ L F

PITCH

C: 3.50 mm
D: 3.81 mm
G: 5.00 mm
H: 5.08 mm

POLES

02:	2	POLES
03:	3	POLES
04:	4	POLES
16:	16	POLES

LF : DENOTED RoHS COMPATIBLE

- 2 : TAPE & REEL PACKAGING

— HOUSING CODE

CODE	COLOR	PROCESS
6	BLACK(RAL 9005)	PIP(NOTE 6)

PROPERTY TABLE

PROPERTY TABLE					
FCI SERIES NAME		06-350	06-381	06-500	06-508
PITCH (mm)		3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)		300	300	300	300
CURRENT RATING (A)	cULus	10	10	12	12
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	1.6	1.6
OPERATING TEMP. (°C)		-40~+65	-40~+65	-40~+65	-40~+65
SOLDERING TEMP. (°C)		250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE		02~16	02~16	02~12	02~12
SAFETY CERTIFICATE		PENDING			

NOTES:

1. MATERIAL:
 - 1-1. TERMINAL: COPPER ALLOY, TIN PLATED.
 - 1-2. HOUSING: THERMOPLASTIC RESIN, UL94V-0 RATED.
 - 1-3. COVER: THERMOPLASTIC RESIN, UL94V-0 RATED.
2. PRODUCTION SPECIFICATION REFER TO FCI GS-12-625.
3. PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.
5. THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 5 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

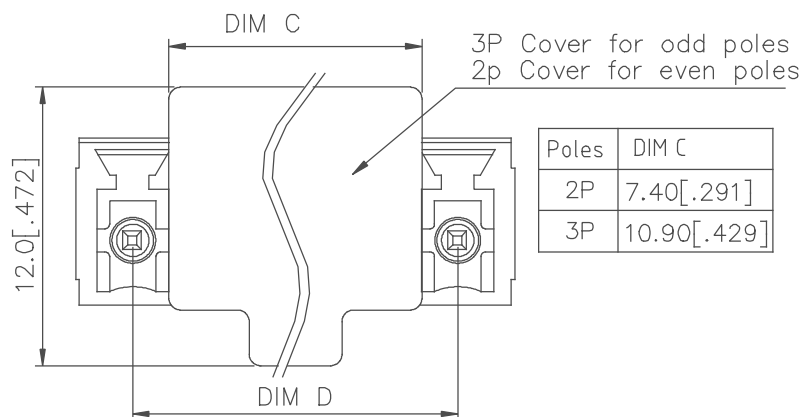
mat'l. code					surface ASME Y14.5✓			tolerance ASME Y14.5			projection 		product family TERMINAL BLOCK						
ltr	ecn	no	dr	date	tolerances unless otherwise specified										title				
A			LS	071912	angles	line	X.±0.5			MM 		TERMINAL BLOCK							
							X.X±0.3					PLUGGABLE SOCKET, STRAIGHT(PIP)							
					X'±1"		X.XX±0.1			scale		dwg no							
					dr	LEIF SHEN	040811					sheet 1 of 5 size							
					enr	LEIF SHEN	040811					20020201							
					chr	LEIF SHEN	040811					A4							
					appd	JOSEPH HSIA	040811					type							
sheet index		revision sheet		A	A	A	A	A	A										
				1	2	3	4	5											

form: A4mmXLc

1

2

PRODUCT NUMBER	SERIES NAME	PITCH
20020201-CXXXXXXLF	06-350	3.50 mm

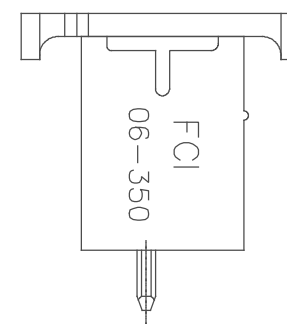
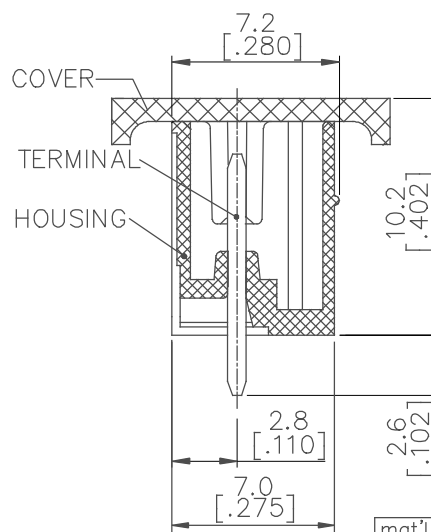
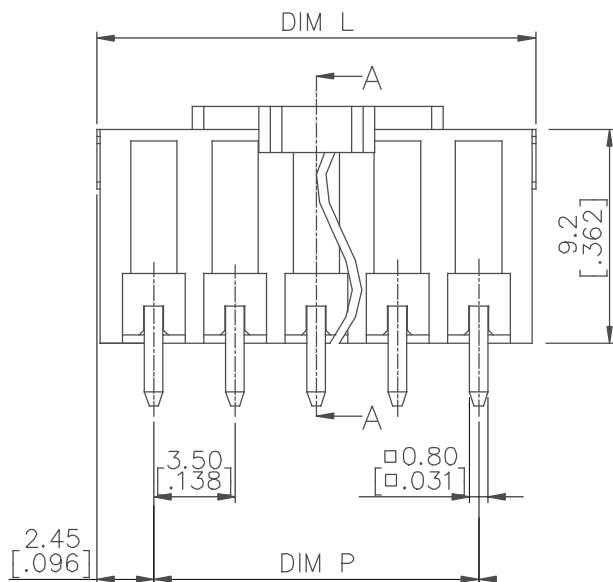
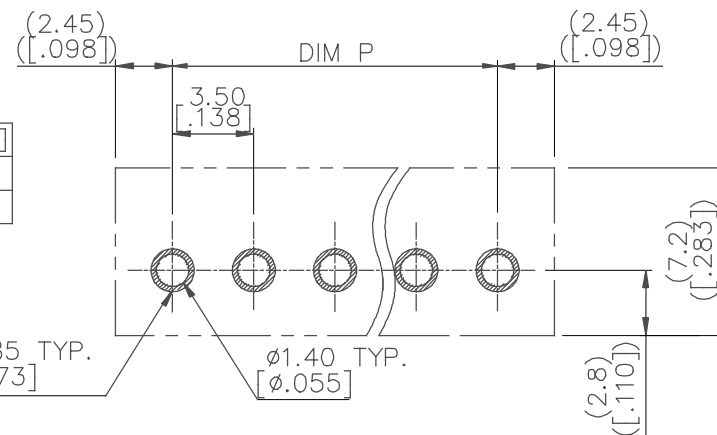


N= Number of poles

DIM L	$(N-1) \times 3.5 [.138] + 4.9 [.193]$
DIM P	$(N-1) \times 3.5 [.138]$
DIM D	$(N-1) \times 3.5 [.138]$

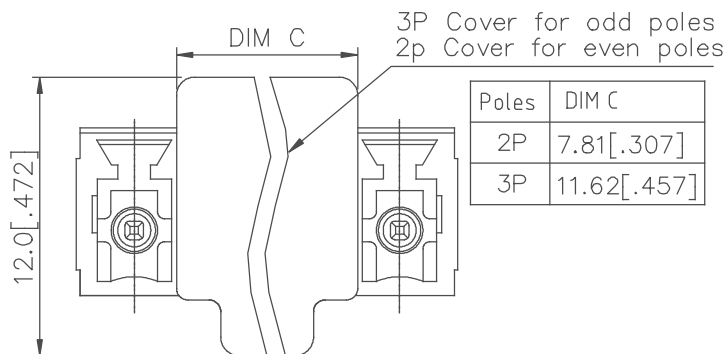
POLES	TOLERANCE
2p-6p	$\pm 0.15 [.006]$
7p-12p	$\pm 0.20 [.008]$
13p-16p	$\pm 0.30 [.012]$

$\phi 1.85$ TYP.
[$\phi .073$]



mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM [INCH]	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title
A				TERMINAL BLOCK PLUGGABLE SOCKET, STRAIGHT(PIP)
				dwg no
				sheet 2 of 5
				size
				20020201
				A4
				type
				CUSTOMER Drawing
sheet index	revision sheet			

PRODUCT NUMBER	SERIES NAME	PITCH
20020201-DXXXXXXLF	06-381	3.81 mm

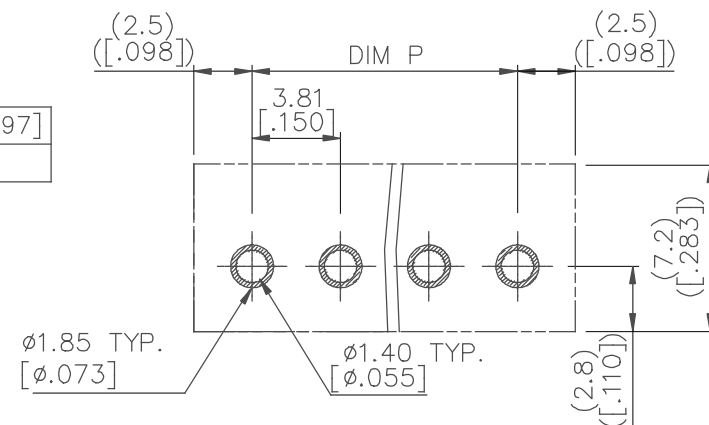


Poles	DIM C
2P	7.81 [.307]
3P	11.62 [.457]

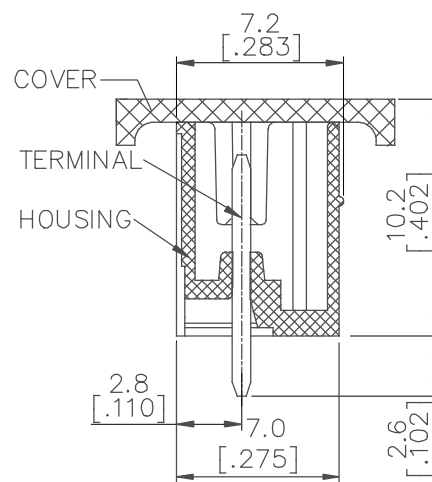
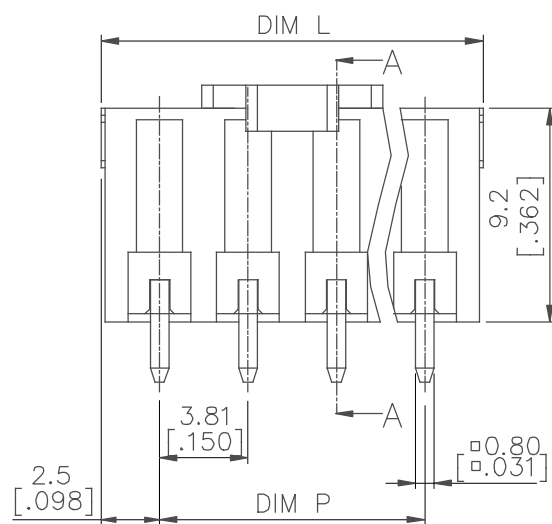
N= Number of poles

DIM L	$(N-1)*3.81[.150]+5.0[.197]$
DIM P	$(N-1)*3.81[.150]$

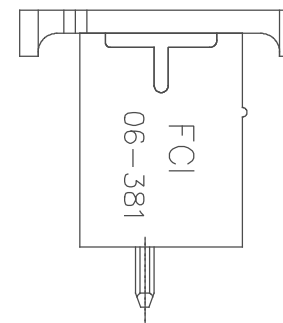
POLES	TOLERANCE
2p-6p	$\pm 0.15[.006]$
7p-12p	$\pm 0.20[.008]$
13p-16p	$\pm 0.30[.012]$



RECOMMENDED PCB LAYOUT

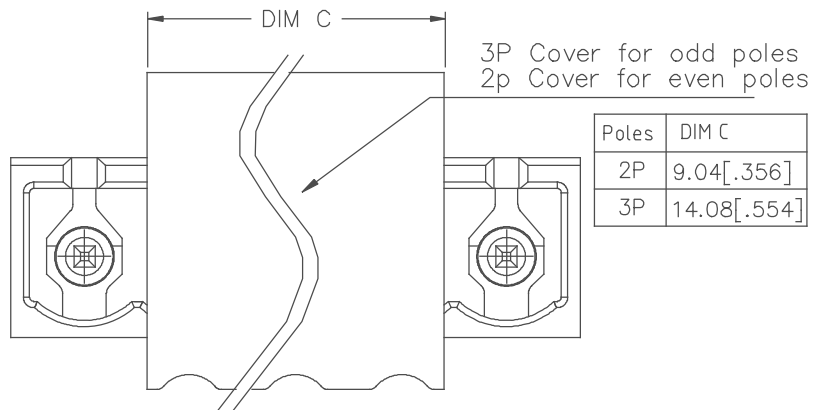


SECTION A-A



mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title	
A				TERMINAL BLOCK PLUGGABLE SOCKET, STRAIGHT(PIP)	
				scale	sheet 3 of 5 size
					20020201 A4
					type CUSTOMER Drawing
sheet index	revision sheet				

PRODUCT NUMBER	SERIES NAME	PITCH
20020201-GXXXXXXLF	06-500	5.00 mm

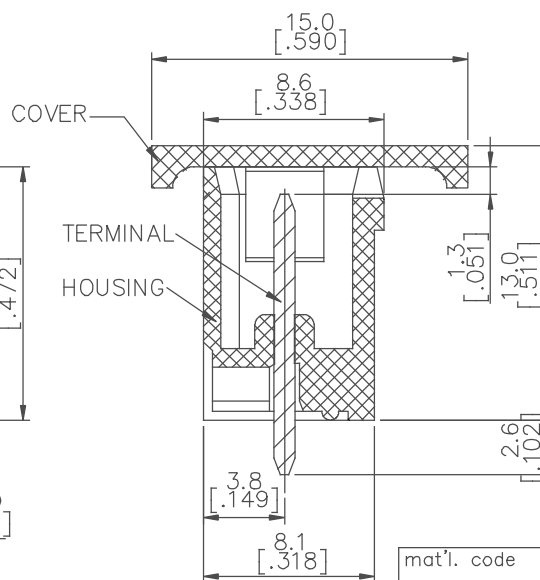
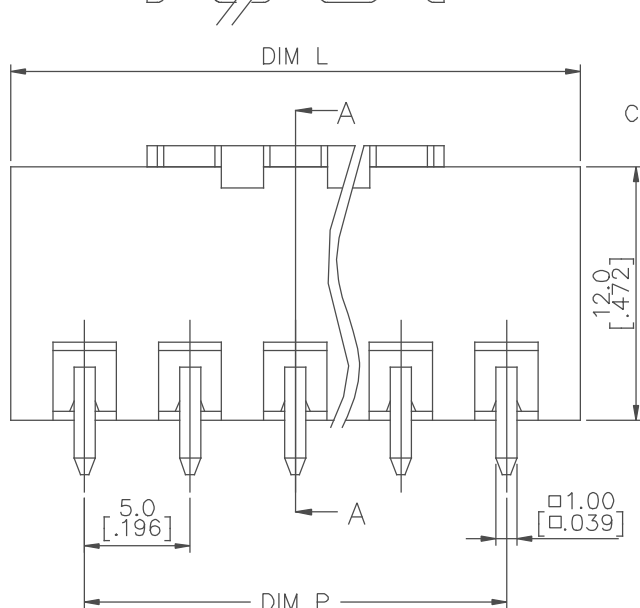


Poles	DIM C
2P	9.04[.356]
3P	14.08[.554]

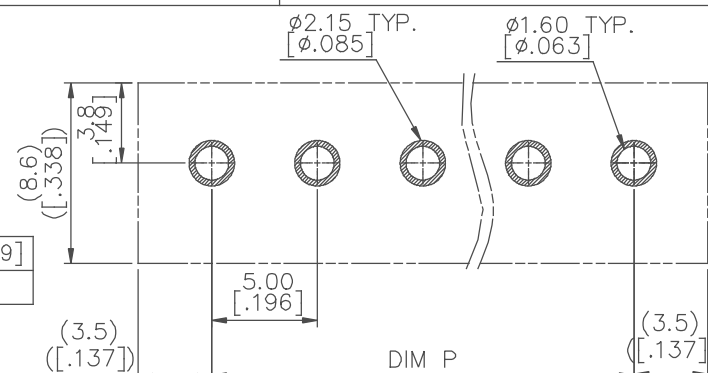
N= Number of poles

DIM L	$N \times 5.0[.197] + 2.0[.079]$
DIM P	$(N-1) \times 5.0[.197]$

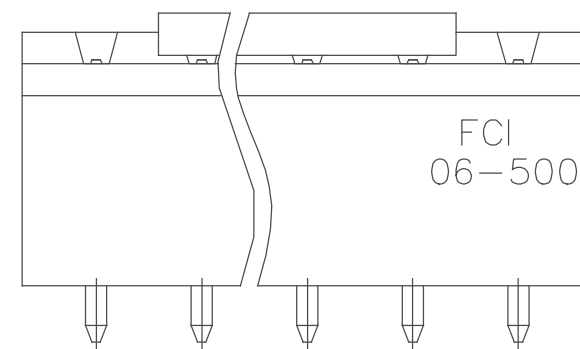
POLES	TOLERANCE
2-3p	$\pm 0.15[.006]$
4-8p	$\pm 0.20[.008]$
9-12p	$\pm 0.25[.010]$



SECTION A-A

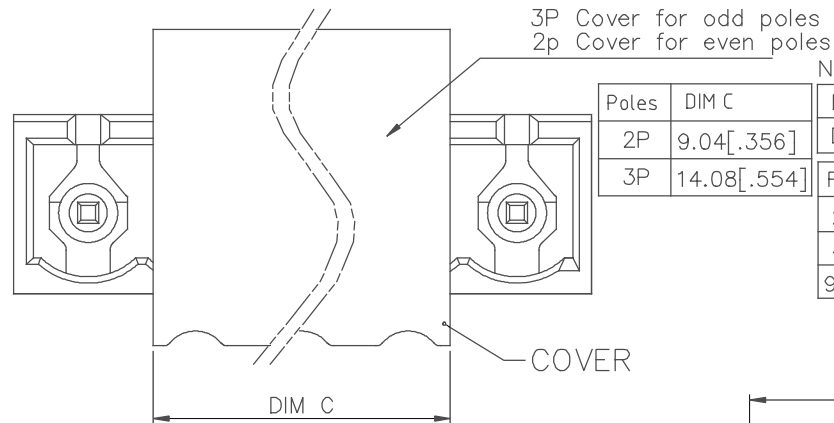


RECOMMENDED PCB LAYOUT



mat'l. code					surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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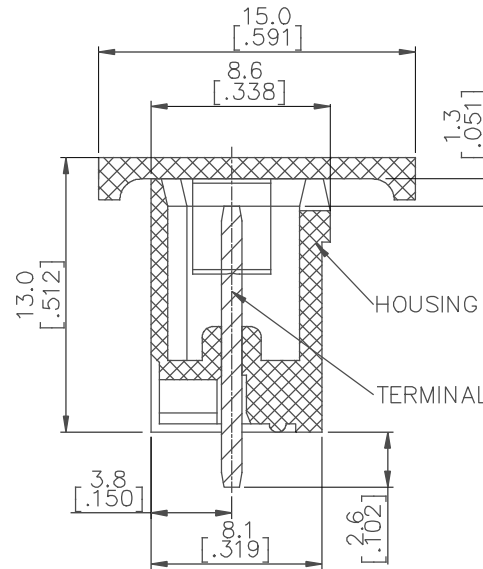
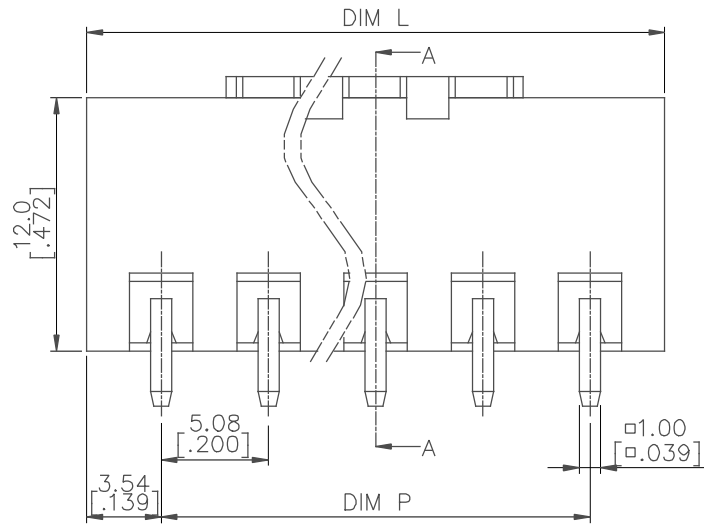
PRODUCT NUMBER	SERIES NAME	PITCH
20020201-HXXXXXXLF	06-508	5.08 mm



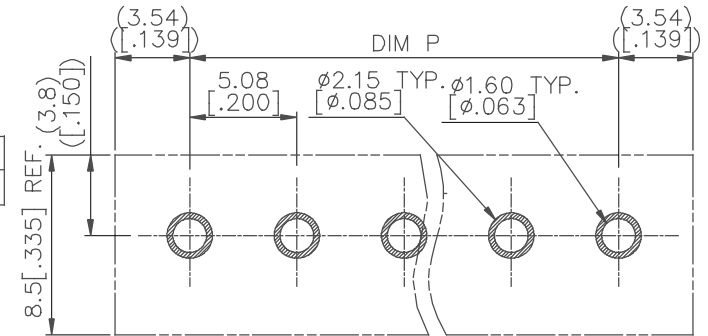
Poles	DIM C	DIM L	N*5.08[.200]+2.0[.079]	DIM P	(N-1)*5.08[.200]
2P	9.04[.356]				
3P	14.08[.554]				
POLES	TOLERANCE				
2-3p	±0.15[.006]				
4-8p	±0.20[.008]				
9-12p	±0.25[.010]				

N= Number of poles

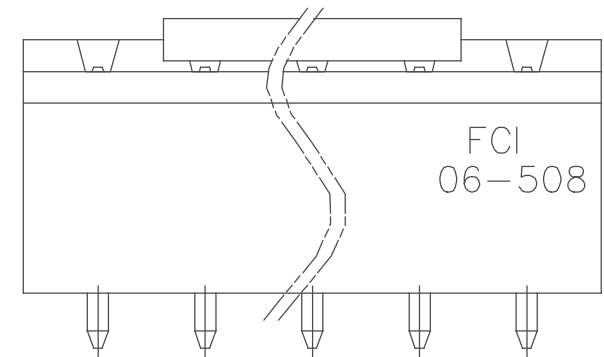
COVER



SECTION A-A



RECOMMENDED PCB LAYOUT



mat'l. code		surface	tolerance	projection	product family
		ASME Y14.5	ASME Y14.5		TERMINAL BLOCK
ltr	ecn no	dr	date	title	
A				TERMINAL BLOCK	
				PLUGGABLE SOCKET, STRAIGHT(PIP)	
				dwg no	
				20020201	
				type	
				CUSTOMER Drawing	
sheet	revision				
index	sheet				

Mouser Electronics

Authorized Distributor

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[Amphenol:](#)

<u>20020201-H046A02LF</u>	<u>20020201-H026A02LF</u>	<u>20020201-D036A02LF</u>	<u>20020201-C026A02LF</u>	<u>20020201-D066A02LF</u>
<u>20020201-H066A02LF</u>	<u>20020201-C066A02LF</u>	<u>20020201-H086A02LF</u>	<u>20020201-G036A02LF</u>	