



PRODUCT NUMBER

20020201-XXXXXXLF

20020201 – □ □ □ □ A O □ 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)

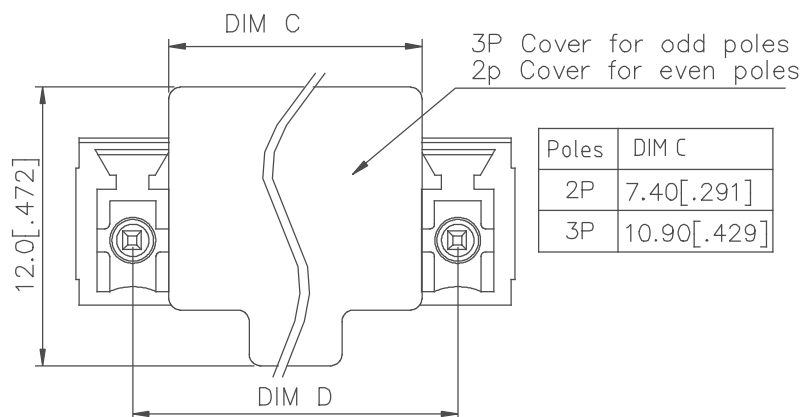
PROPERTY TABLE					
FCI SERIES NAME		06-350	06-381	06-500	06-508
PITCH (mm)		3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)		300	300	300	300
CURRENT RATING (A)	cULus	10	10	12	12
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	1.6	1.6
OPERATING TEMP. (°C)		-40~+65	-40~+65	-40~+65	-40~+65
SOLDERING TEMP. (°C)		250±10 (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		X.±0.5			TERMINAL BLOCK						
						X.X±0.3		PLUGGABLE SOCKET, STRAIGHT(PIP)									
						X'±1"		X.XX±0.1			scale						
						dr	LEIF SHEN		040811			dwg no		sheet 1 of 5 size			
						enrg	LEIF SHEN		040811			20020201		A4			
						chr	LEIF SHEN		040811								
						appd	JOSEPH HSIA		040811			type CUSTOMER Drawing					
sheet index		revision sheet		A	A	A	A	A									
				1	2	3	4	5									

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

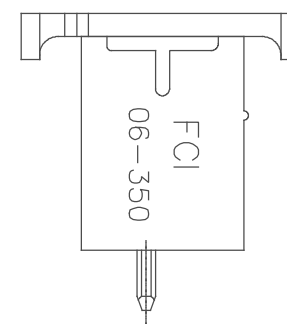
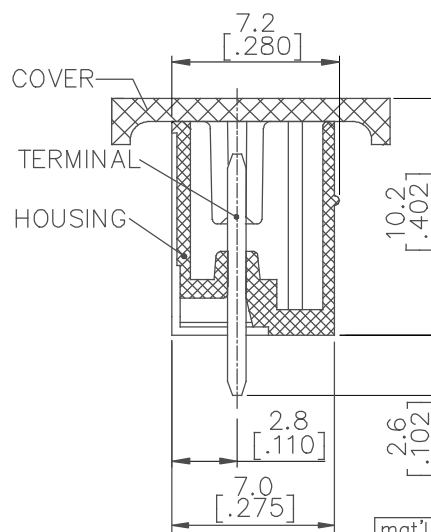
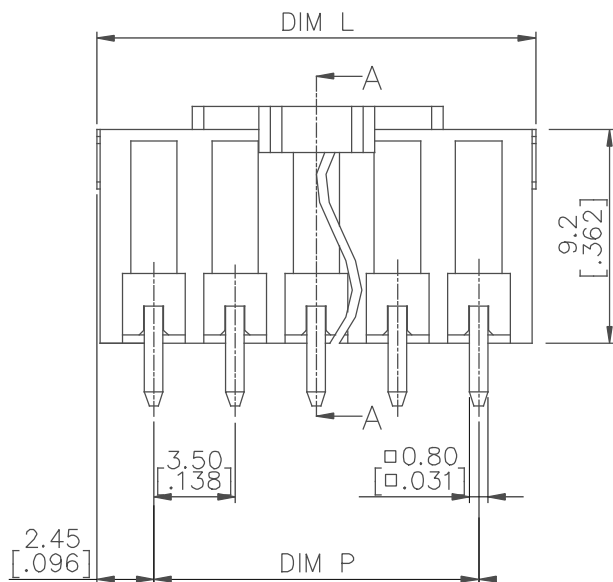
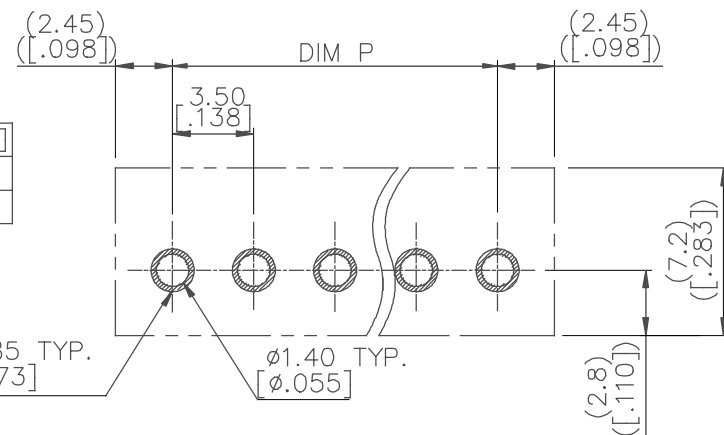


N= Number of poles

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

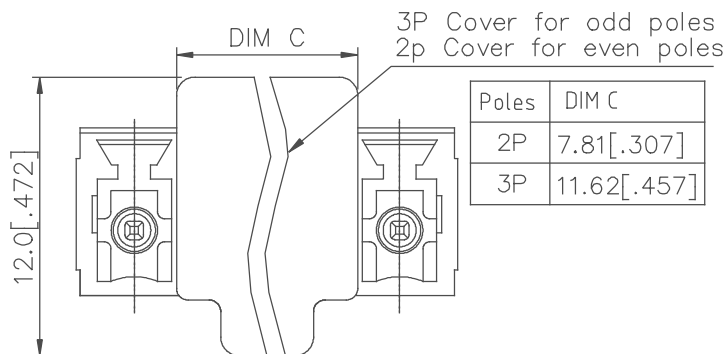
POLES	TOLERANCE
2p-6p	$\pm 0.15[.006]$
7p-12p	$\pm 0.20[.008]$
13p-16p	$\pm 0.30[.012]$

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



mat'l. code		surface	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)	
				scale	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



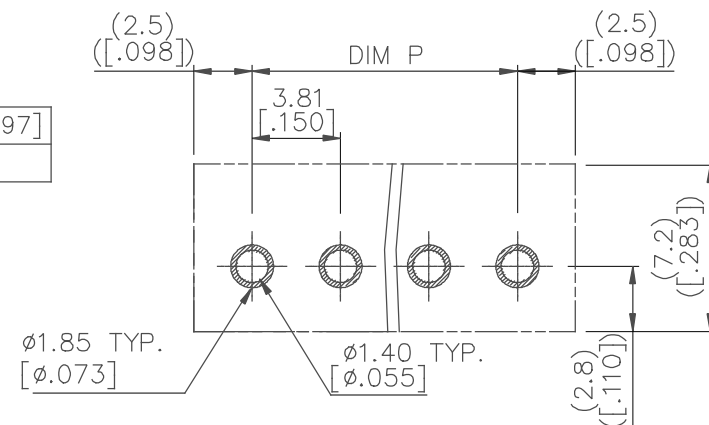
Poles	DIM C
2P	7.81 [.307]
3P	11.62 [.457]

N= Number of poles

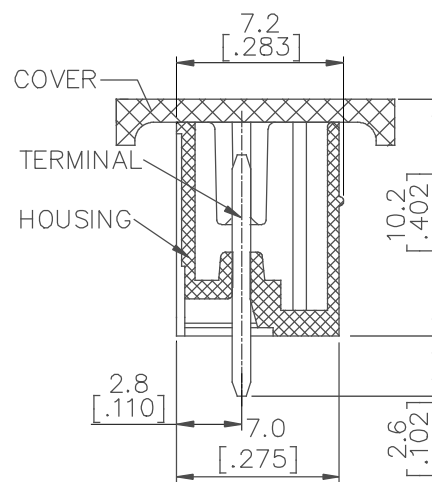
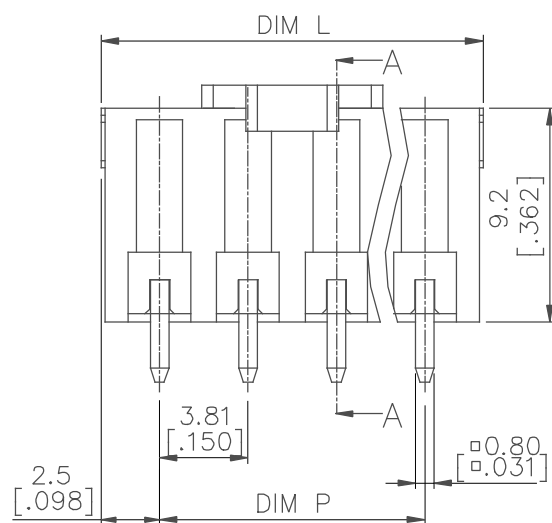
$$\text{DIM L} = (N-1) \times 3.81 [.150] + 5.0 [.197]$$

$$\text{DIM P} = (N-1) \times 3.81 [.150]$$

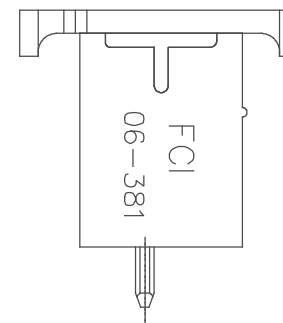
POLES	TOLERANCE
2p-6p	$\pm 0.15 [.006]$
7p-12p	$\pm 0.20 [.008]$
13p-16p	$\pm 0.30 [.012]$



RECOMMENDED PCB LAYOUT

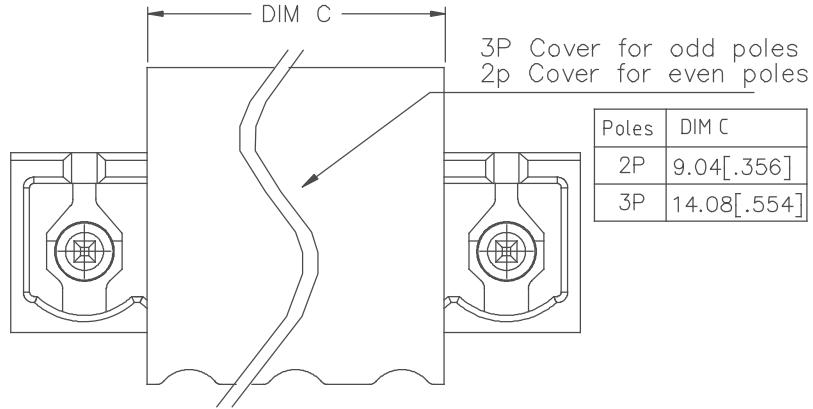


SECTION A-A



mat'l. code		surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection 	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title	
A				angles X.±0.5 X.X±0.3 X'±1'	TERMINAL BLOCK PLUGGABLE SOCKET, STRAIGHT(PIP)
				linecut X.XX±0.1	MM [INCH]
				dr	scale
				LEIF SHEN	040811
				enr	040811
				chr	040811
				appd	040811
				JOSEPH HSIA	
sheet index	revision sheet				type CUSTOMER Drawing

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

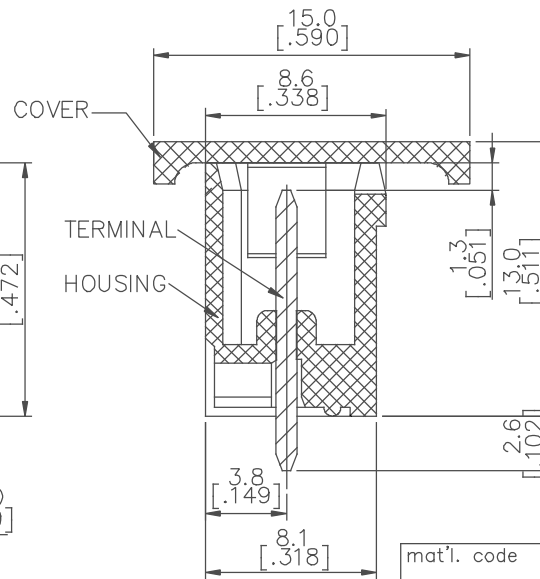
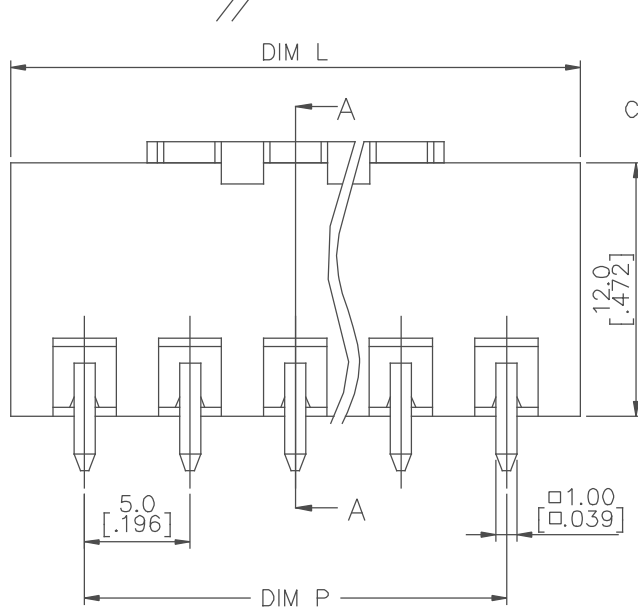


Poles	DIM C
2P	9.04[.356]
3P	14.08[.554]

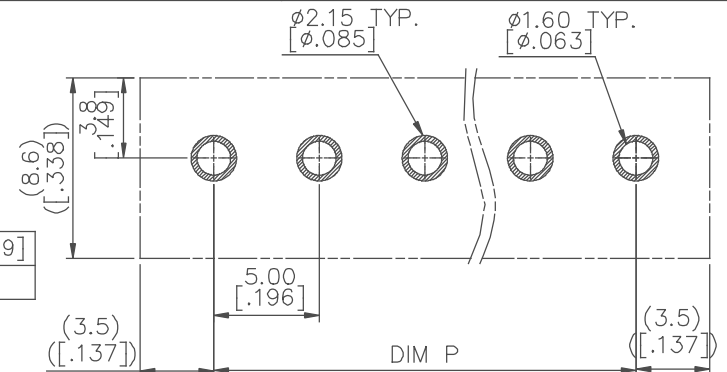
N= Number of poles

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

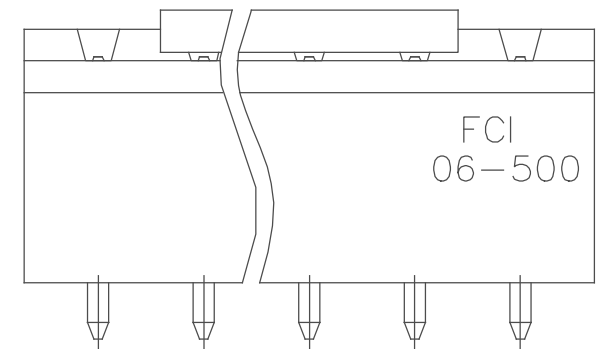
POLES	TOLERANCE
2-3p	$\pm 0.15[.006]$
4-8p	$\pm 0.20[.008]$
9-12p	$\pm 0.25[.010]$



SECTION A-A

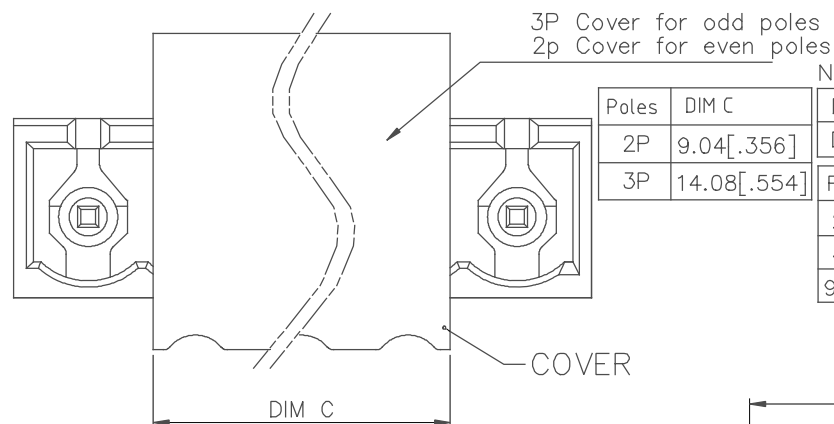


RECOMMENDED PCB LAYOUT



mat'l. code		surface	tolerance	projection	product family
		ASME Y14.5	ASME Y14.5		TERMINAL BLOCK
ltr	ecn no	dr	date	title	
A				TERMINAL BLOCK	
		angles		scale	PLUGGABLE SOCKET, STRAIGHT(PIP)
		X'±1'			sheet 4 of 5
		dr	LEIF SHEN 040811		size
		enr	LEIF SHEN 040811		20020201
		chr	LEIF SHEN 040811		A4
		appd	JOSEPH HSIA 040811		type
		sheet index	revision sheet		CUSTOMER Drawing

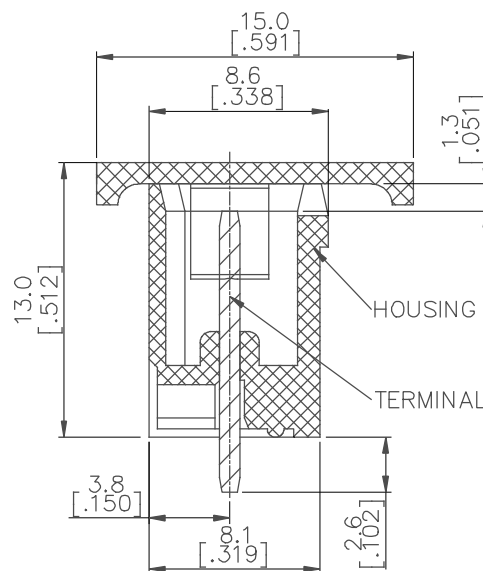
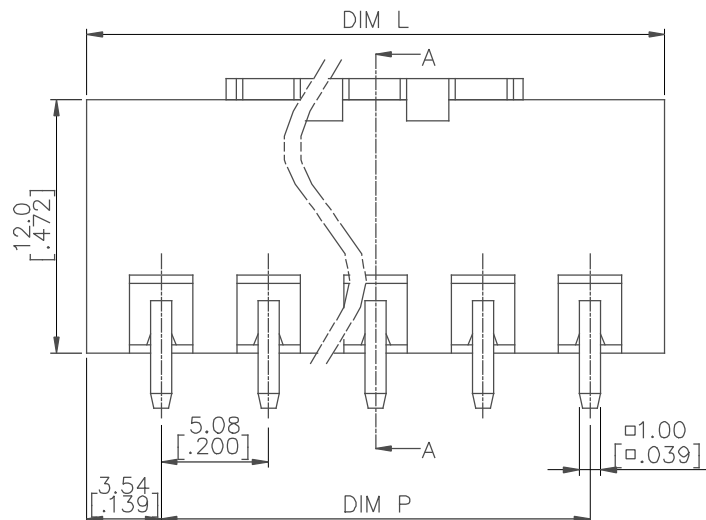
PRODUCT NUMBER	SERIES NAME	PITCH
20020201-HXXXXXXLF	06-508	5.08 mm



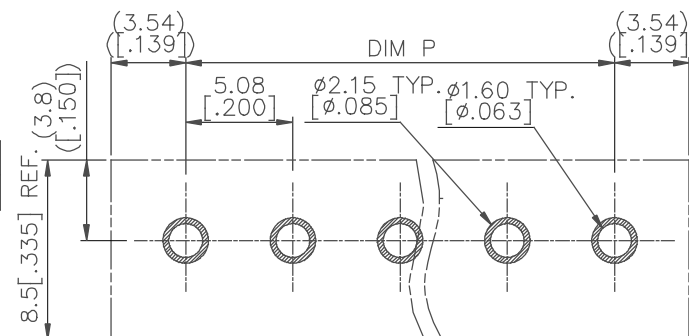
Poles	DIM C	DIM L	N*5.08[.200]+2.0[.079]	DIM P	(N-1)*5.08[.200]
2P	9.04[.356]				
3P	14.08[.554]				
POLES	TOLERANCE				
2-3p	±0.15[.006]				
4-8p	±0.20[.008]				
9-12p	±0.25[.010]				

N= Number of poles

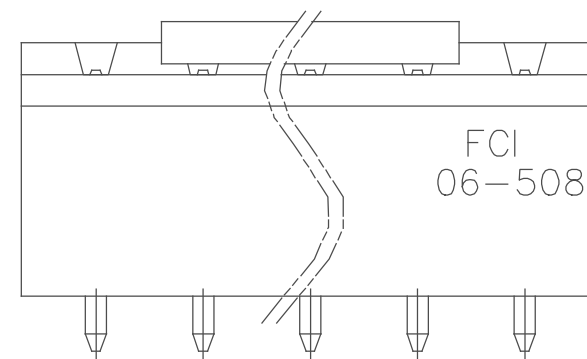
COVER



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

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

<u>20020201-H046A02LF</u>	<u>20020201-H026A02LF</u>	<u>20020201-D036A02LF</u>	<u>20020201-H036A02LF</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>
<u>20020201-H056A03LF</u>				