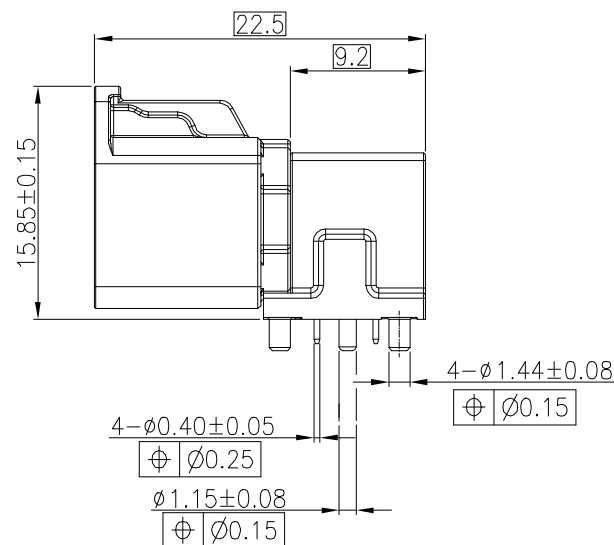
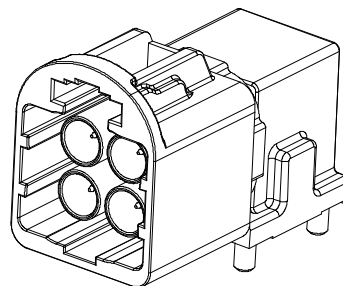
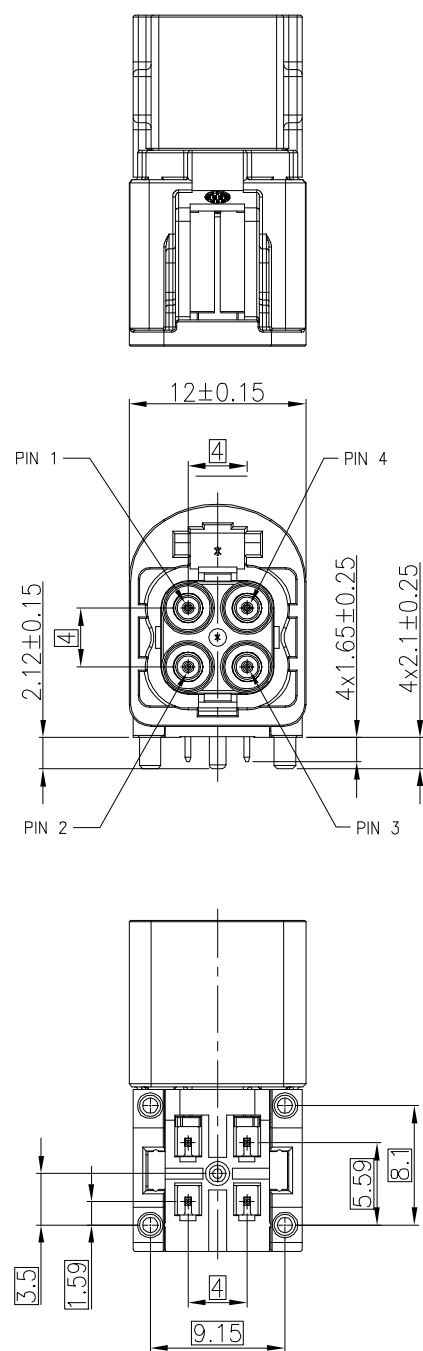


This document is the only standard for inspection by both parties.

REV.	ECN.NO.	MODIFY.CONTENT	DATE
X1		Initial	8/27'20



NOTE:

1. MECHANICAL DATA

MATING CYCLES:	≥ 25
ENGAGEMENT FORCE:	≤ 45 N
DISENGAGEMENT FORCE:	≥ 5 N
RETENTION FORCE:	≥ 110N
CODING EFFICIENCY:	≥ 200N

2. ELECTRICAL DATE

WORKING VOLTAGE:	335 V rms
TEST VOLTAGE:	750 V rms
CENTER CONTACT RESISTANCE:	$\leq 5 \text{ m}\Omega$
OUTER CONTACT RESISTANCE:	$\leq 5 \text{ m}\Omega$
INSULATION RESISTANCE:	$\geq 1000 \text{ M}\Omega$
FREQUENCY:	DC to 9GHz
RETURN LOSS:	$\geq 20\text{dB}$ DC to 6GHz $\geq 10\text{dB}$ 6GHz to 9GHz

3. ENVIRONMENTAL DATA

TEMPERATURE RANGE:	-40°C to +105°C
TEMPERATURE AND HUMIDITY:	ISO 20860-2 clause 9.3
THERMAL SHOCK:	ISO 20860-2 clause 9.2
VIRBRATION AND MECHANICALSHOCK:	ISO 20860-2 clause 9.1
DRY HEAT:	ISO 20860-2 clause 9.4
SOLDERING PROFILE:	ACC. to IEC 60068-2-58
RoHS:	COMPLIANT

4. MATERIAL AND PLATING

CORE PIN	PH/BRONZE	GOLD PLATING
CORE PIN HOLDER	LCP	BLACK
INTERFACE HOUSING	PA 6T	SEE SHEET 3
OUTER HOUSING	Zn ALLOY	TIN PLATING
SPACER	Zn ALLOY	TIN PLATING

5. PACKAGE: TAPE REEL

GENERAL TOLERANCE				DRAWN	Bin Guo	8/27'20	SCALE	PART NO.	1MFBN01FU4R*3R00	
X±0.30		x:±3.0'		CHECKED	Renfu Wu	8/27'20	N/A	TITLE	CUSTOMER DRAWING	
.X±0.25		.x:±2.0'		APPROVED	Sky He	8/27'20	UNITS	mm	Mini Fakra 4In1 Receptacle Connector	
.XX±0.20				File NO.	MFBN0101S					
.XXX±0.10				REV.	苏州祥龙嘉业电子科技有限公司 Goldenconn Electronics Technology Co.,LTD					
SHEET	1/3	Q'TY	1	X1						

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SEE SHEET 1

PRODUCT TYPE
1=FINISH GOOD
2=SEMI FINISH GOOD

PRODUCT SERIES
MFB=MINI FAKRA Board Side
MFO=MINI FAKRA Cable Side

SHIELDING TYPE
N= W/O SHIELDING PLATE
H= W/90° SHIELDING PLATE
V= W/180° SHIELDING PLATE

SEQUENTIAL CODE
01
02
03

PLATING
T=鍍錫
A=鍍金
U=鍍金(Au:2U")
F=鍍金G/F
...

LATCH DIRECTION
U= UP
D= DOWN
L= LEFT
R= RIGHT
0= No direction

1 MFB N 01 F U 4 R * 3 R 00

HF=HALOGEN FREE
00=ROHS

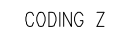
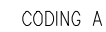
SPECIAL TYPE
V=vertical THR
R=R/A THR
W=R/A SMD
S=STRAIGHT

PACKING
P=PE BAG
1=TRAY
2=TAPE REEL W/T MYLAR
3=TAPE REEL W/O MYLAR

CODING
REFER TO ISO 20860-1

MATING TYPE
P=PLUG
R=RECEPTACLE

POLE NUMBER
1=SINGLE POLE
2=DOUBLE POLE
...



TOP VIEW (SACLE 2:1)

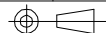
GENERAL TOLERANCE				DRAWN	Bin Guo	8/27'20	SCALE	PART NO.	1MFBN01FU4R*3R00
X.±0.30		x.'±3.0°		CHECKED	Renfu Wu	8/27'20	N/A	TITLE	CUSTOMER DRAWING
.X±0.25		.x'±2.0°		APPROVED	Sky He	8/27'20	UNITS	mm	Mini Fakra 4ln1 Receptacle Connector
.XX±0.20				File NO.	MFBN0101S				
.XXX±0.10				REV.	苏州祥龙嘉业电子科技有限公司 Goldenconn Electronics Technology Co.,LTD				
SHEET	2/3	Q'TY	1	X1					

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REV. ECN.NO. MODIFY.CONTENT DATE

SEE SHEET 1

图示	键位	色号	颜色	ITEM		1	2	3	4	5	6
				零件料号	零件名称	塑胶	锌合金主体	下排绝缘塑胶	上排绝缘塑胶	端子	锌合金SPACER
				成品料号	用量	1	1	2	2	4	1
	A	RAL 9005	墨黑色	1MFBN01FU4RA3R00		2MFBN01B0401A-00	3MFBN01C04T01-00	2MFBN01B01031-00	2MFBN01B01021-00	2TPHMFBN01F00-00	3MFBN01C04T02-00
	B	RAL 9010	纯白色	1MFBN01FU4RB3R00		2MFBN01B0401B-00					
	C	RAL 5012	淡蓝色	1MFBN01FU4RC3R00		2MFBN01B0401C-00					
	D	RAL 4004	枣红色	1MFBN01FU4RD3R00		2MFBN01B0401D-00					
	E	RAL 6002	叶绿色	1MFBN01FU4RE3R00		2MFBN01B0401E-00					
	F	RAL 8011	深棕色	1MFBN01FU4RF3R00		2MFBN01B0401F-00					
	Z	RAL 5021	水蓝色	1MFBN01FU4RZ3R00		2MFBN01B0401Z-00					

GENERAL TOLERANCE				DRAWN	Bin Guo	8/27'20	SCALE	PART NO.	1MFBN01FU4R*3R00	
X.±0.30		x.'±3.0'		CHECKED	Renfu Wu	8/27'20	N/A	TITLE	CUSTOMER DRAWING	
.X±0.25		.x'±2.0'		APPROVED	Sky He	8/27'20	UNITS	mm	Mini Fakra 4In1 Receptacle Connector	
.XX±0.20				File NO.	MFBN0101S					
.XXX±0.10				REV.	苏州祥龙嘉业电子科技有限公司					
SHEET	3/3	Q'TY	1	X1	Goldenconn Electronics Technology Co.,LTD					