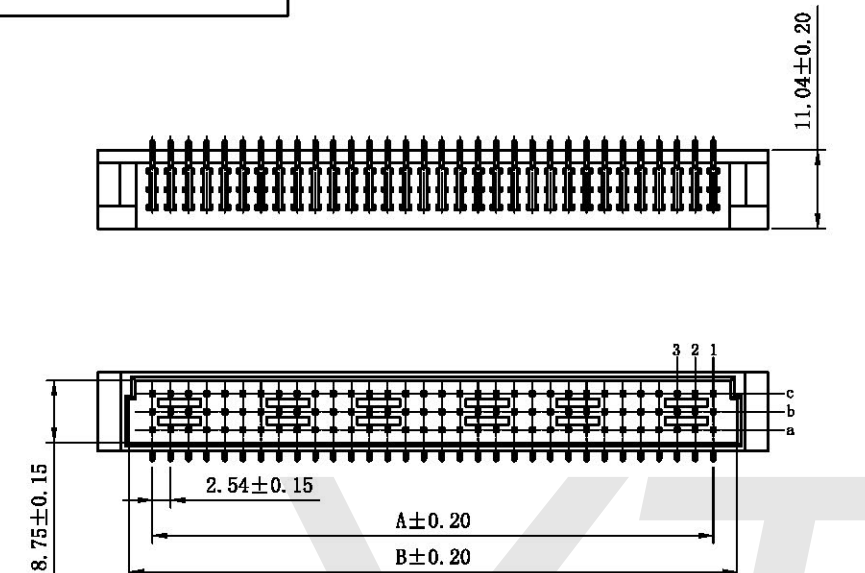


RoHS Compliant

*Due To Technical Progress, All The Information Provided Is Subject To Change Without Prior Notice

Rev No	Revision note	Date	Signature	Checked
A/0	NEW DRAWING	DEC. 07. 2020		



ITEM	Pitch	Number Of Pins			Rows With Contact
A	2.54mm	30	48	96	a+b+c
B		20	32	64	a+c
C		20	32	64	a+b
D		10	16	32	a
E	5.08mm	15	24	48	a+b+c
F		10	16	32	a+c

Electrical:

Current Rating: 3.0AMP.
Contact Resistance: 30mΩ Max.
Insulation Resistance: 1000MΩ Min.
Withstanding Voltage: 1000V AC/DC.

Mechanical:

Contact Material: Copper Alloy.
Contact Plating: Au and Sn Over Ni.
Housing Material: Polyester UL94V-0.
Standard: PBT.

Cover Material: PBT.

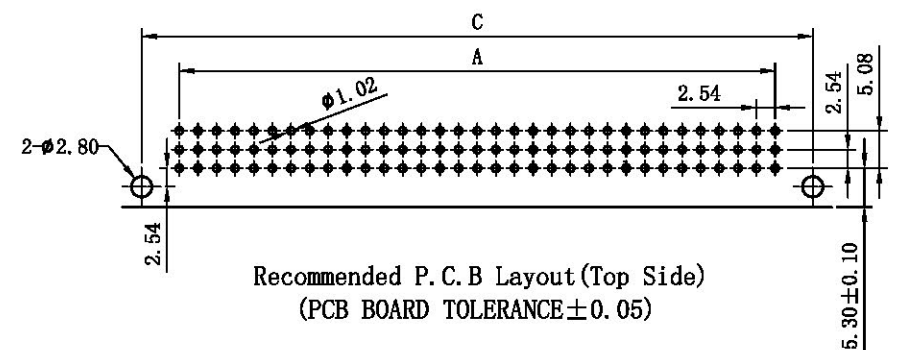
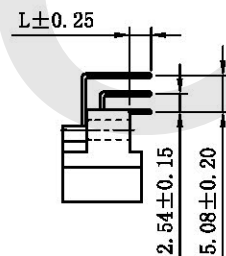
Environmental:

Operating Temp Range: -40℃ ~ +105℃.
Max. Processing Temp: +180℃ for 30~60 Seconds.
+200℃ for 10 Seconds

Ordering Code:

3416-3 XX X MR XX NA01

No. of Pins	Rows With Contact	Contact Plating
30-3X10P	See Table	S0=GoldFlash/Tin
48-3X16P		S1=3u" Gold/Tin
96-3X32P		S2=5u" Gold/Tin
		S3=10u" Gold/Tin
		S4=15u" Gold/Tin
		S5=30u" Gold/Tin
		G0=Gold Flash
		SN=Tin



Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ± 0.05)

Dimension Antitheses List	
ITEM	L
Standard	3.00
Alternate	

THIS DRAWING IS A CONTROLLED DOCUMENT	
DIMENSIONS INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED
0 PLC	±
1 PLC	± 0.40
2 PLC	± 0.25
3 PLC	± 0.15
4 PLC	± 0.10
ANGLES	± 3°

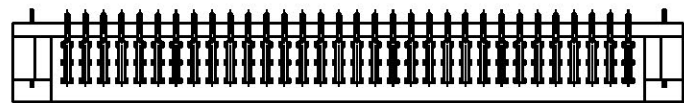
No. of Pins	Part No. (Standard)	Dimension			
3x32	3416-396AMRSONA01	78.74	85.45	88.90	94.50
3x16	3416-348AMRSONA01	38.10	44.81	48.26	53.86
3x10	3416-330AMRSONA01	22.86	29.57	33.02	38.62
		A	B	C	D

DWN: KAI XUAN XU DATE: DEC. 07. 2020 CHK: MIKE DATE: DEC. 07. 2020 APD: PETER DATE: DEC. 07. 2020		YTCO TECHNOLOGY HTTP://WWW.YTCO.CO	
UNITS: MM SCALE: 1 : 1 SIZE: A4		TITLE: DIN 41612 MALE TRIPLEROW 90° DIP	
CAGE CODE: 594309442 FILE PATH: A/D/YTCOTZ/DIN 41612		PART NO.: 3416-3XXXMRXXNA01 DRAWING NO.: 3416-3MR	
1 OF 1 REV: A			

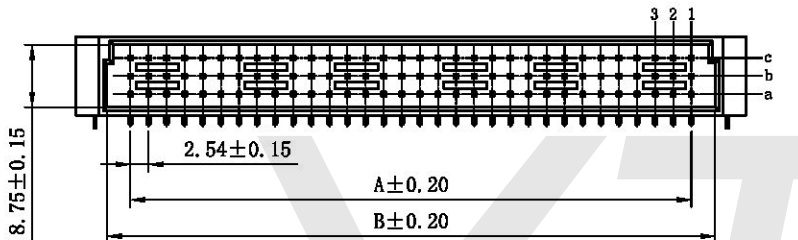
RoHS Compliant

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Rev No	Revision note	Date	Signature	Checked
A/0	NEW DRAWING	DEC. 07. 2020		

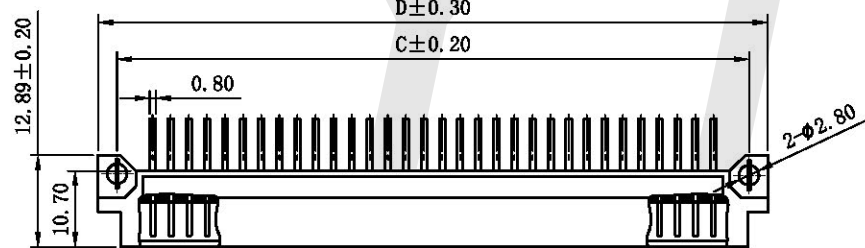


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A±0.20

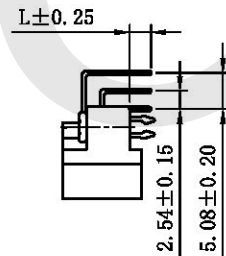
B±0.20



D±0.30

C±0.20

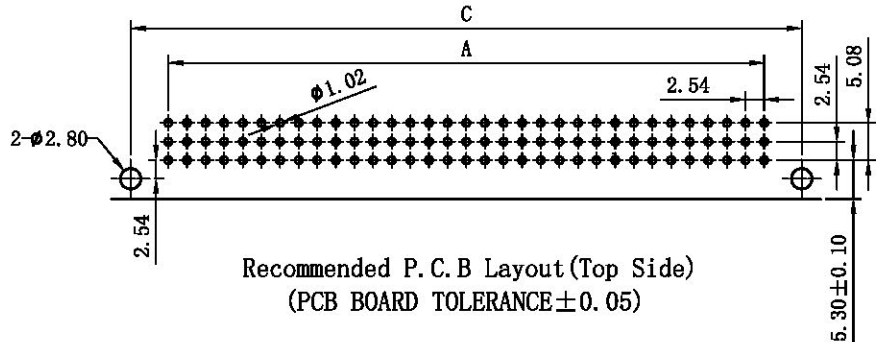
0.80



L±0.25

2.54±0.15

5.08±0.20



Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)

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Current Rating: 3.0AMP.
Contact Resistance: 30mΩ Max.
Insulation Resistance: 1000MΩ Min.
Withstanding Voltage: 1000V AC/DC.

Mechanical:

Contact Material: Copper Alloy.
Contact Plating: Au and Sn Over Ni.
Fixing Material: Copper Alloy, Plated Sn.
Housing Material: Polyester UL94V-0.

Standard: PBT.

Cover Material: PBT.

Environmental:

Operating Temp Range: -40°C ~ +105°C.
Max. Processing Temp: +180°C for 30~60 Seconds.
+200°C for 10 Seconds

Ordering Code:

3416-3 XX X MR XX WA01

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		S3=10u" Gold/Tin
		S4=15u" Gold/Tin
		S5=30u" Gold/Tin
		G0=Gold Flash
		SN=Tin

Dimension Antitheses List	
ITEM	L
Standard	3.00
Alternate	

No. of Pins	Part No. (Standard)	Dimension			
3x32	3416-396AMRSOWA01	78.74	85.45	88.90	94.50
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		A	B	C	D

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	1 PLC ± 0.40
	2 PLC ± 0.25
	3 PLC ± 0.15
	4 PLC ± 0.10
	ANGLES ± 3°

DATE	DATE	DATE
DEC. 07. 2020	DEC. 07. 2020	DEC. 07. 2020
CHK MIKE	CHK PETER	CHK PETER
APVD	APVD	APVD
UNITS MM	SCALE 1:1	SIZE A4
CAGE CODE 594309442	FILE PATH A/D/YTCOTZ/DIN 41612	SHEET 1 OF 1

YTCO TECHNOLOGY	
HTTP://WWW.YTCO.CO	
TITLE	
DIN41612 FEMALE TRIPLEROW 90° DIP WITH LOCK	
PART NO.	
3416-3XXXMRXXWA01	
DRAWING NO.	
3416-3MR	
REV A	