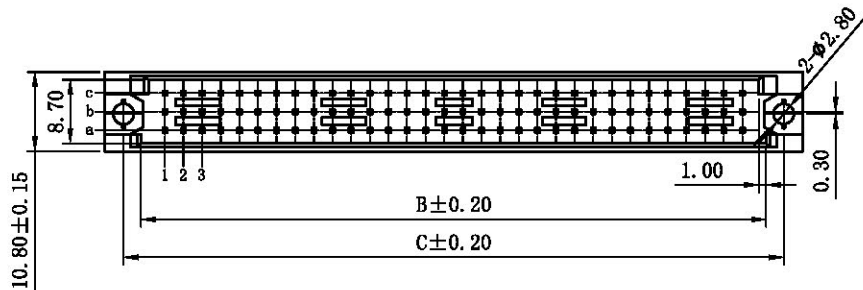


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*Due To Technical Progress, All The Information Provided Is Subject To Change Without Prior Notice

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	5.08mm	10	16	32	a
E		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.

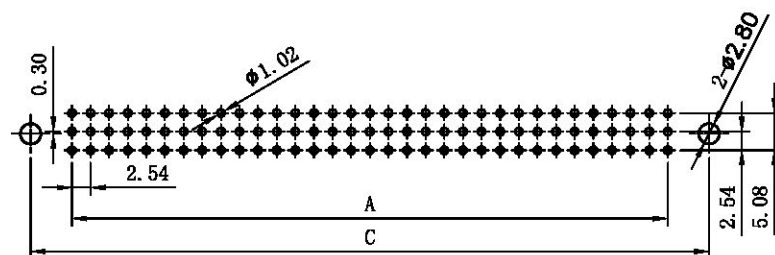
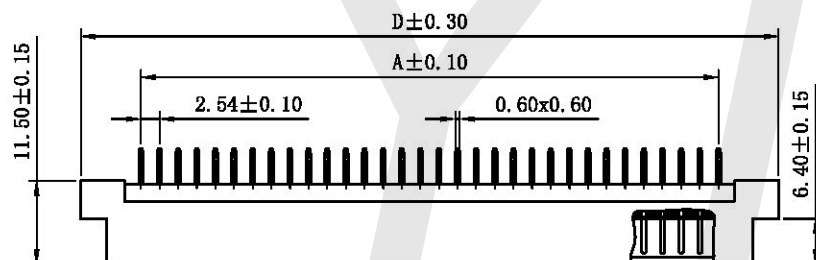
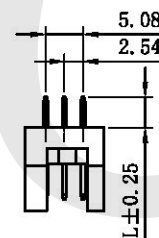
Environmental:

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

Ordering Code:

3416-3 XX X MS 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	4.00
Alternate	

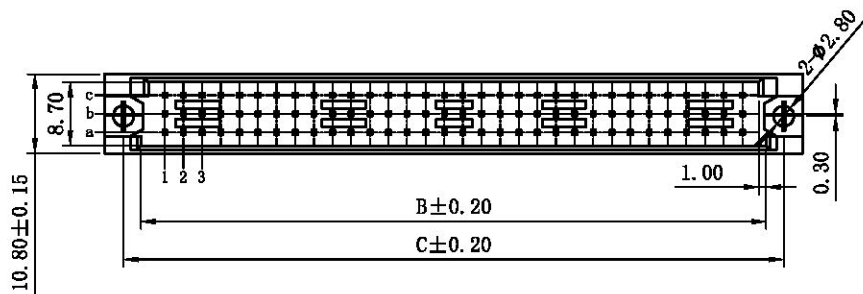
No. of Pins	Part No. (Standard)	Dimension			
3x32	3416-396AMSSONA01	78.74	85.24	90.00	94.50
3x16	3416-348AMSSONA01	38.10	44.60	49.36	53.86
3x10	3416-330AMSSONA01	22.86	29.36	34.12	38.62
		A	B	C	D

THIS DRAWING IS A CONTROLLED DOCUMENT		OWN	DATE	 HTTP://WWW.YTCO.CO	
		KAI XUAN XU	DEC. 07. 2020		
DIMENSIONS INCHES		CHK	DATE	TITLE	
		MIKE	DEC. 07. 2020	DIN41612 MALE TRIPLEROW 180° DIP	
		APVD	DATE	PART NO.	
		PETER	DEC. 07. 2020	3416-3XXXMSXXNA01	
		UNITS	SCALE	SIZE	DRAWING NO.
		MM	1 : 1	A4	3416-3MS
		CAGE CODE	FILE PATH	SUBSET	
		594309442	A/D/YTCOTZ/DIN 41612	1 OF 1	

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:

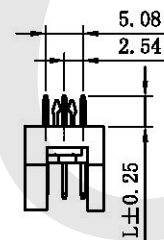
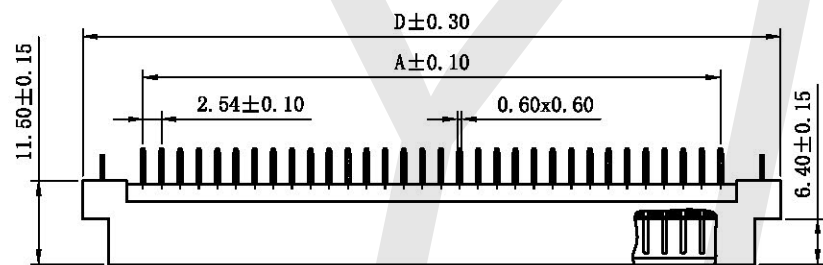
Contact Material: Copper Alloy.
Contact Plating: Au and Sn Over Ni.
Fixing Material: Copper Alloy, Plated Sn.
Housing Material: Polyester UL94V-0.

Standard: PBT.

Cover Material: PBT.

Environmental:

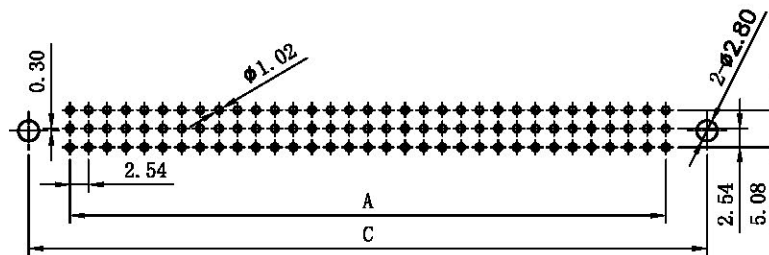
Operating Temp Range: -40℃~+105℃.
Max. Processing Temp: +180℃ for 30~60 Seconds.
+200℃ for 10 Seconds



Ordering Code:

3416-3 XX X MS XX WA01

No. of Pins 30-3X10P 48-3X16P 96-3X32P	Rows With Contact See Table	Contact Plating S0=GoldFlash/Tin S1=3u" Gold/Tin S2=5u" Gold/Tin S3=10u" Gold/Tin S4=15u" Gold/Tin S5=30u" Gold/Tin G0=Gold Flash SN=Tin
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Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)

Dimension Antitheses List	
ITEM	L
Standard	4.00
Alternate	

No. of Pins	Part No. (Standard)	Dimension			
		A	B	C	D
3x32	3416-396AMSSOWA01	78.74	85.24	90.00	94.50
3x16	3416-348AMSSOWA01	38.10	44.60	49.36	53.86
3x10	3416-330AMSSOWA01	22.86	29.36	34.12	38.62

THIS DRAWING IS A CONTROLLED DOCUMENT		DATE	DEC. 07. 2020
DIMENSIONS INCHES		DATE	DEC. 07. 2020
TOLERANCES UNLESS OTHERWISE SPECIFIED		DATE	DEC. 07. 2020
0 PLC ±		DATE	DEC. 07. 2020
1 PLC ± 0.40		DATE	DEC. 07. 2020
2 PLC ± 0.25		DATE	DEC. 07. 2020
3 PLC ± 0.15		DATE	DEC. 07. 2020
4 PLC ± 0.10		DATE	DEC. 07. 2020
ANGLES ± 3°		DATE	DEC. 07. 2020
UNIT: MM		SCALE	1 : 1
FILE PATH		SIZE	A4
CAGE CODE		FILE PATH	A/D/YTCOTZ/DIN 41612
594309442		FILE PATH	A/D/YTCOTZ/DIN 41612
1 OF 1		REV	A



TITLE		DIN41612 MALE TRIPLEROW 180° DIP WITH LOCK	
PART NO.		3416-3XXXMSXXWA01	
DRAWING NO.		3416-3MS	