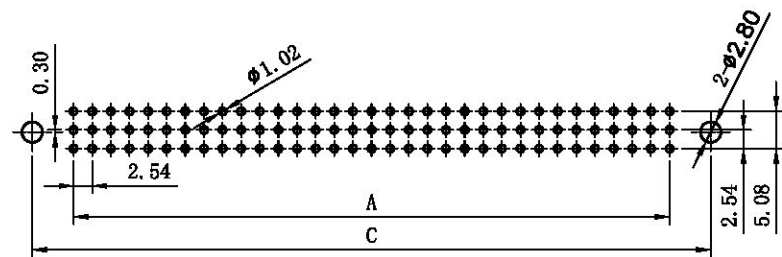
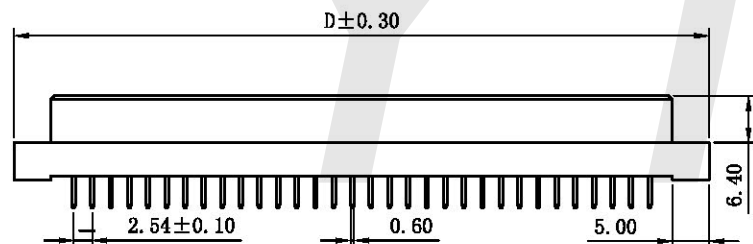
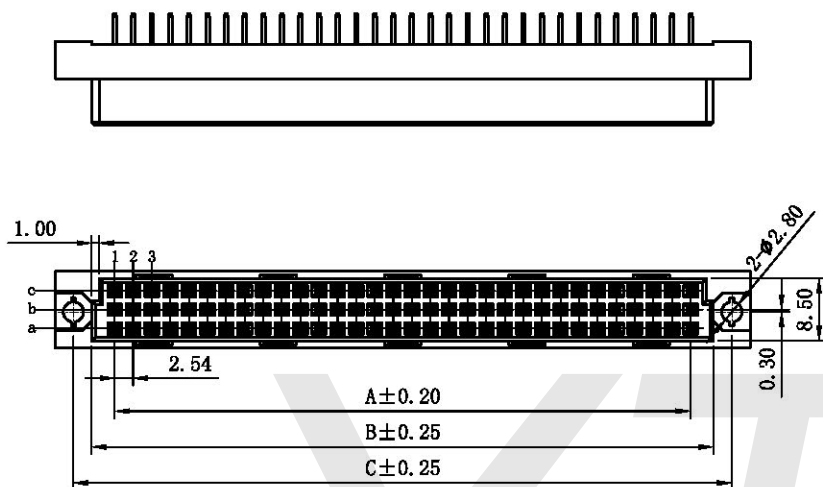


RoHS Compliant

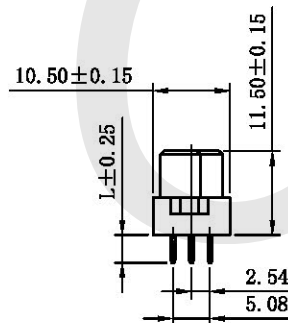
*Due To Technical Progress, All The Information Provided Is Subject To Change Without Prior Notice

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



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

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: $30m\Omega$ Max.
Insulation Resistance: $1000M\Omega$ 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: $-40^{\circ}C \sim +105^{\circ}C$.
Max. Processing Temp: $+180^{\circ}C$ for 30~60 Seconds.
 $+200^{\circ}C$ for 10 Seconds

Ordering Code:

3416-3 XX X FS 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

Dimension Antitheses List

ITEM	L
Standard	3.80
Alternate	

THIS DRAWING IS A CONTROLLED DOCUMENT

DIMENSIONS INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED
0 PLC	$\pm$ —
1 PLC	± 0.40
2 PLC	± 0.25
3 PLC	± 0.15
4 PLC	± 0.10
ANGLES	$\pm 3^{\circ}$

DATE	CHK	DATE	CHK	DATE	CHK
DEC. 07. 2020	KALXUAN. XU	DEC. 07. 2020	MIKE	DEC. 07. 2020	PETER
DATE	DATE	DATE	DATE	DATE	DATE
DEC. 07. 2020	DEC. 07. 2020	DEC. 07. 2020	DEC. 07. 2020	DEC. 07. 2020	DEC. 07. 2020

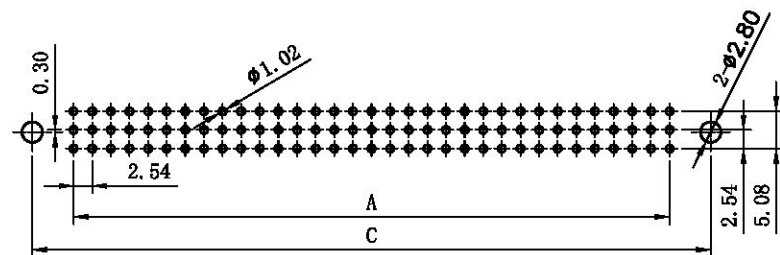
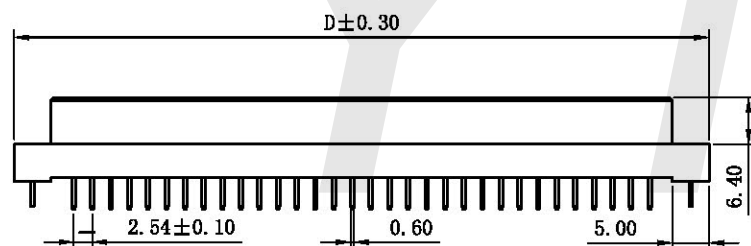
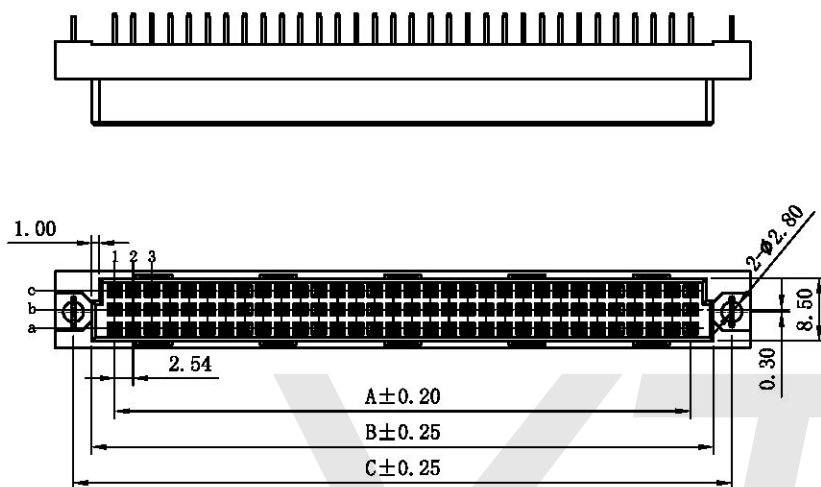
No. of Pins	Part No. (Standard)	Dimension
3x32	3416-396AFSSONA01	78.74 85.04 90.00 94.84
3x16	3416-348AFSSONA01	38.10 44.40 49.36 54.20
3x10	3416-330AFSSONA01	22.86 29.16 34.12 38.96
		A B C D

YTCO TECHNOLOGY	HTTP://WWW.YTCO.CO
TITLE	DIN 41612 FEMALE TRIPLEROW 180° DIP
PART NO.	3416-3XXXFSXXNA01
DRAWING NO.	3416-3FS
CAGE CODE	594309442
FILE PATH	A/D/YTCOTZ/DIN 41612
1 OF 1	REV A

RoHS Compliant

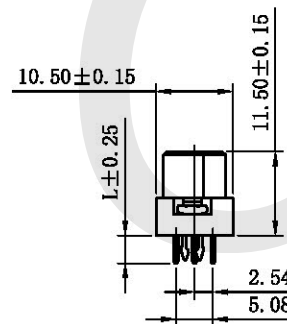
*Due To Technical Progress, All The Information Provided Is Subject To Change Without Prior Notice

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



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

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

Ordering Code:

3416-3 XX X FS 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
---	--------------------------------	--

Dimension Antitheses List	
ITEM	L
Standard	3.80
Alternate	

No. of Pins	Part No. (Standard)	Dimension			
3x32	3416-396AFSSOWA01	78.74	85.04	90.00	94.84
3x16	3416-348AFSSOWA01	38.10	44.40	49.36	54.20
3x10	3416-330AFSSOWA01	22.86	29.16	34.12	38.96
		A	B	C	D

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



TITLE	DIN41612 FEMALE TRIPLEROW 180° DIP WITH LOCK
PART NO.	3416-3XXXFSXXWA01
DRAWING NO.	3416-3FS