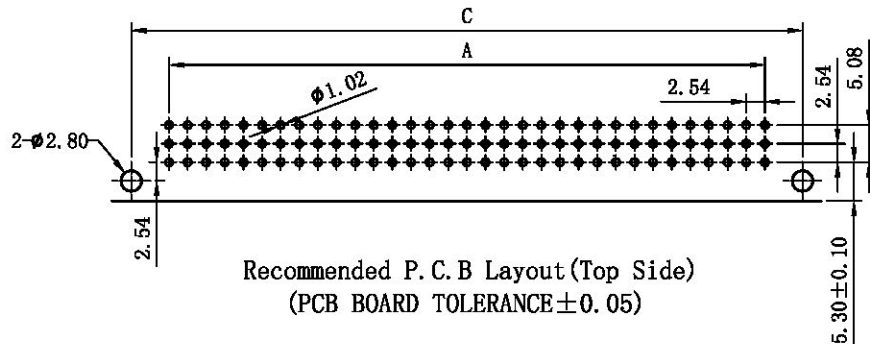
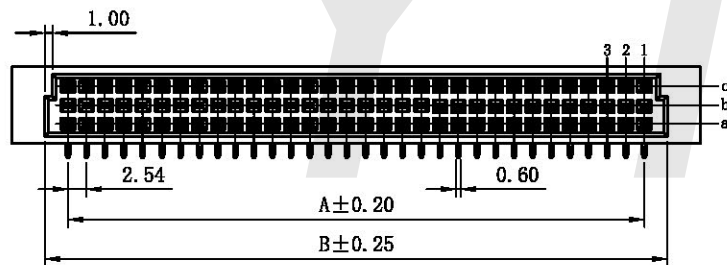
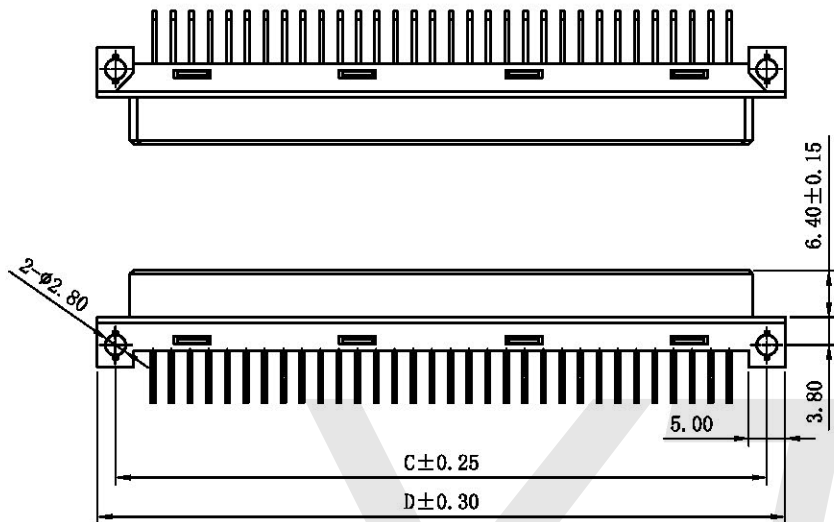


RoHS Compliant

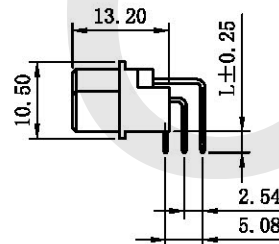
*Due To Technical Progress, All The Information Provided Is Subject To Change Without Prior Notice

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.
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 FR 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	2.90
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	3416-396AFRSONA01	78.74	85.00	89.00	94.00
3x16	3416-348AFRSONA01	38.10	44.36	48.36	53.36
3x10	3416-330AFRSONA01	22.86	29.12	33.12	38.12
		A	B	C	D

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



HTTP://WWW.YTCO.CO

TITLE
DIN 41612 FEMALE TRIPLEROW 90° DIP

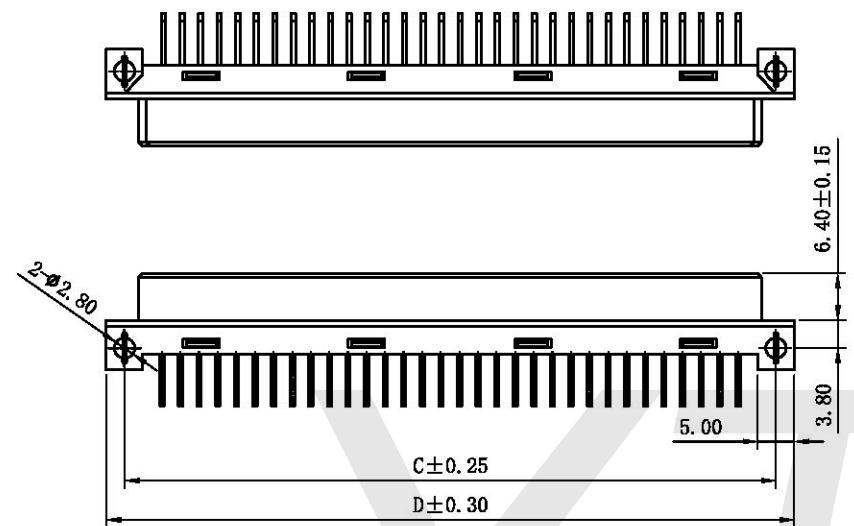
PART NO.
3416-3XXXFRXXNA01

DRAWING NO.
3416-3FR

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.

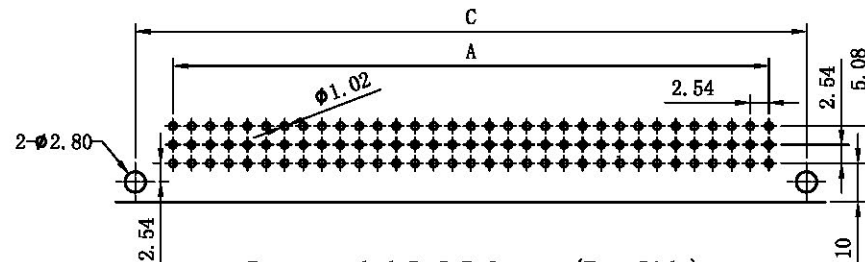
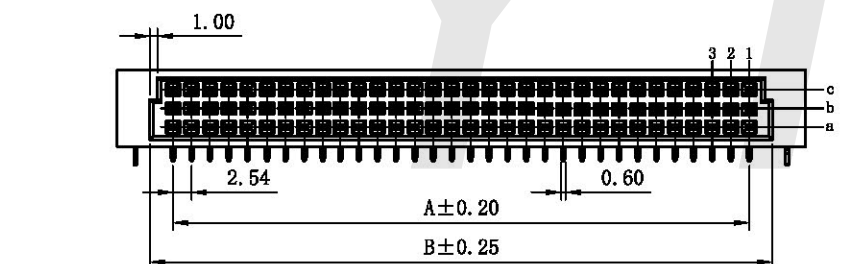
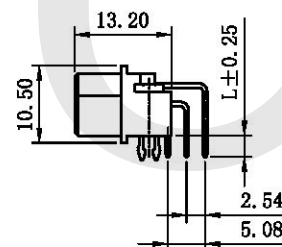
Environmental:

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

Ordering Code:

3416-3 XX X FR XX WA01

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	2.90
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	3416-396AFRSOWA01	78.74	85.00	89.00	94.00
3x16	3416-348AFRSOWA01	38.10	44.36	48.36	53.36
3x10	3416-330AFRSOWA01	22.86	29.12	33.12	38.12
		A	B	C	D

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

DIN41612 FEMALE TRIPLEROW 90° DIP WITH LOCK	
PART NO.	3416-3XXXFRXXWA01
DRAWING NO.	3416-3FR