

HSF

NOTES:

Current Rating:0.5AMP
Contact Resistance:30mΩ max
Withstand Voltage:100V AC
Insulation Resistance:500MΩ min
Operation Temperature:-40℃ to +125℃

Contact Material:Phosphor Bronze
Cap Material:SUS,t=0.25mm
Housing Material:LCP/PA9T(UL94V-0),Natural
Contact plating:Au and Tin over Ni

Flatness: <80Pins The "M" Is 0.12mm MAX
≥80Pins The "M" Is 0.15mm MAX

Ordering Information

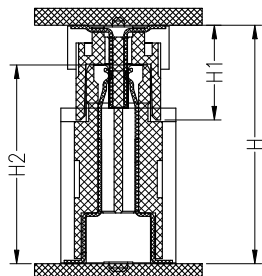
3616-P XXX - XXX XX R XX

No.of Pins

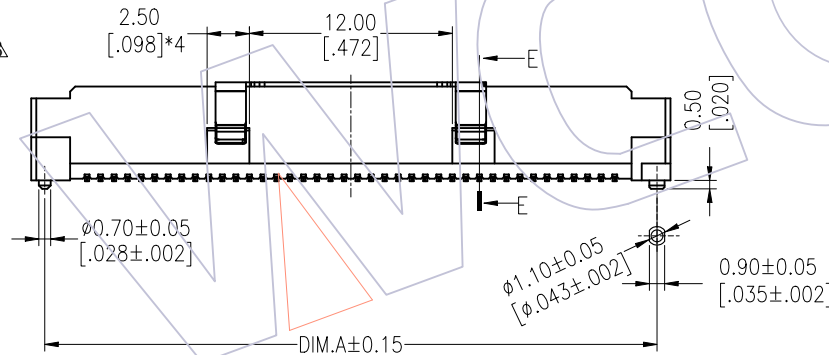
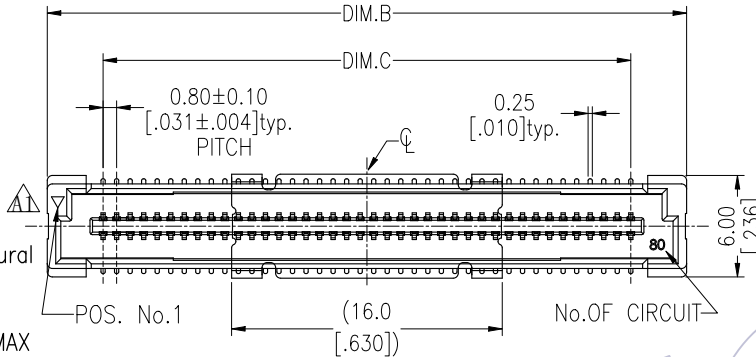
Housing High
Male=H1

R=Tape&Reel+CAP
Contact Plating
S1=3u"Gold/Tin
S3=10u"Gold/Tin

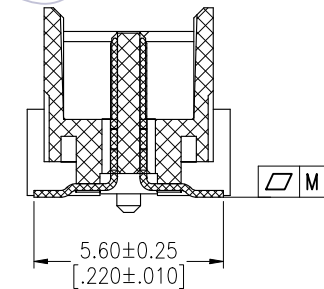
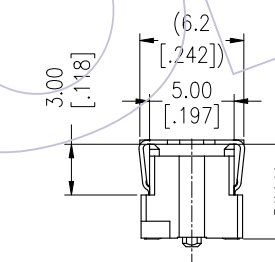
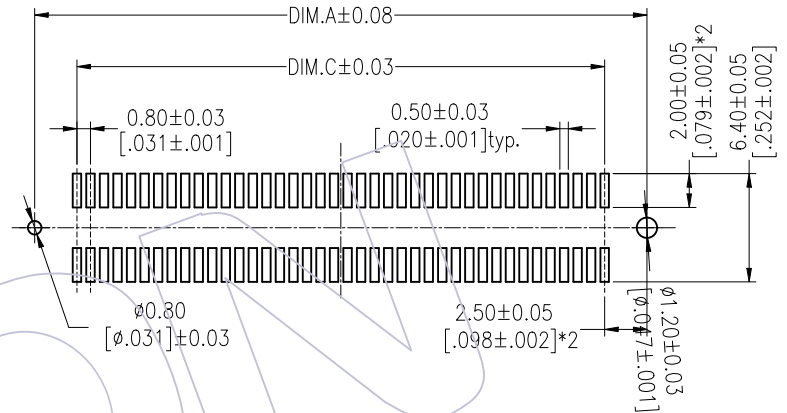
Material
01=LCP
02=PA9T



Assembly



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



PART NO.	DIM.K (MALE HEIGHT)	ASS'Y HEIGHT (H)	PLUG (H1)	SOCKET (H2)	ASS'Y HEIGHT (H)	PLUG (H1)	SOCKET (H2)	ASS'Y HEIGHT (H)	PLUG (H1)	SOCKET (H2)
3616-PXXX-046XXRXX	4.60	5.00	4.60	3.75	9.00	4.60	7.75	13.00	4.60	11.75
3616-PXXX-056XXRXX	5.60	6.00	5.60	3.75	10.00	5.60	7.75	14.00	5.60	11.75
3616-PXXX-066XXRXX	6.60	7.00	6.60	3.75	11.00	6.60	7.75	15.00	6.60	11.75
3616-PXXX-076XXRXX	7.60	8.00	7.60	3.75	12.00	7.60	7.75	16.00	7.60	11.75

DIM.C	DIM.B	DIM.A	PIN NO.
63.20	69.80	68.20	160
55.20	61.80	60.20	140
47.20	53.80	52.20	120
39.20	45.80	44.20	100
31.20	37.80	36.20	80
23.20	29.80	28.20	60
15.20	21.80	20.20	40

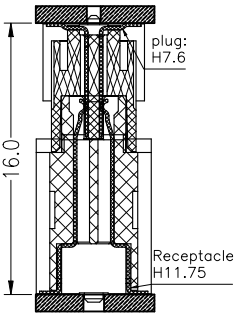
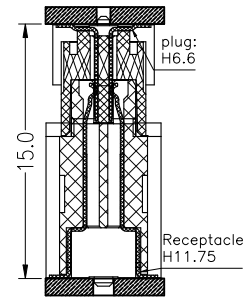
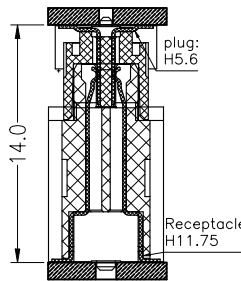
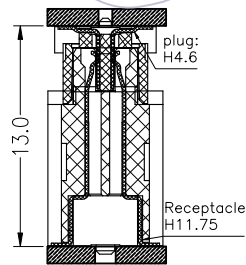
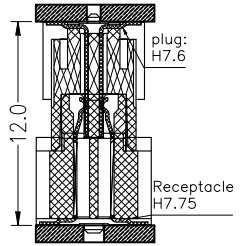
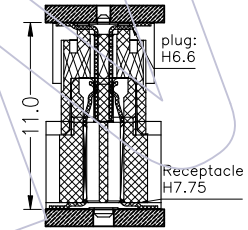
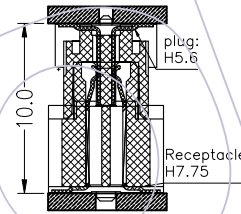
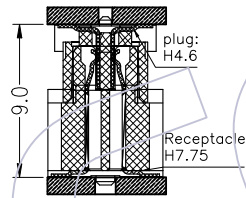
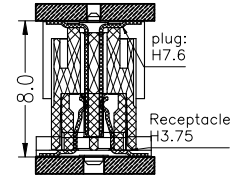
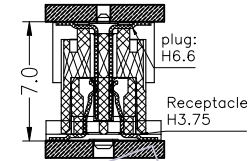
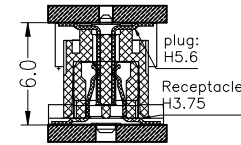
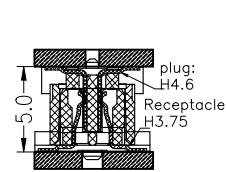
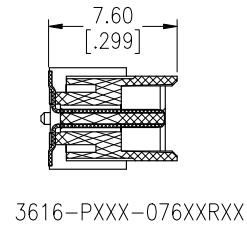
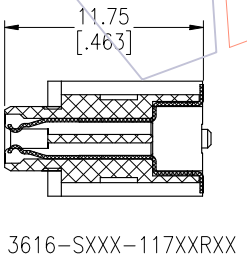
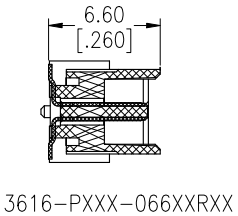
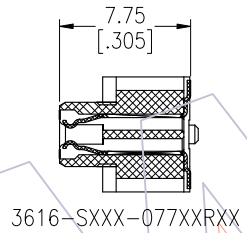
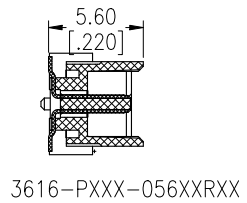
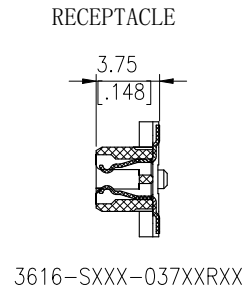
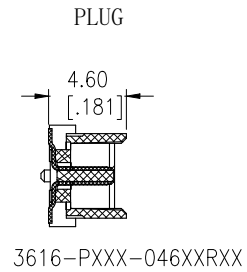
A4	2023/09/27	Move 180&200P	OPERATION	DRAW	DATE	SCALE	FIT	PART NO.
A3	2022/02/24	Add Housing Material	X.X ±0.40	XSR	2023/09/27	UNIT	mm	3616-PXXX-XXXXRXX
A2	2014/11/07	Modify	X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2013/04/22	NEW	X.XXX ±0.15	APPROVE	DATE	SHEET	1/2	0.80mm B TO B
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3°	DATE	PROJ.	Customer NO.	"T" MALE 180° SMT TYPE
				DIM TOL				

WCON
Http: www.wcon.com

WCON-Dongguan
Tel: +86 769 85358920
Fax: +86 769 85358915
E-mail: sales@wcon.com

WCON-Kunshan
Tel: +86 512 57468408
Fax: +86 512 57468468
E-mail: salesks@wcon.com

HSF



A4	2023/09/27	Move 180&200P		OPERATION	DRAW	DATE	SCALE	FIT	PART NO.	 Http: www.wcon.com	
A3	2022/02/24	Add Housing Material		X.X ±0.40	XSX	2023/09/27	UNIT	mm	3616-PXXX-XXXXXXRX		
A2	2014/11/07	Modify		X.XX ±0.25	CHECK	DATE	SIZE	A4	TITLE:		
A0	2013/04/22	NEW	—	X.XXX ±0.15	APPROVE	DATE	SHEET	2/2	0.80mm B TO B		
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle ± 3'	DIM TOL		PROJ.		"T" MALE 180° SMT TYPE	Customer NO.	
										WCON-Dongguan	WCON-Kunshan
										Tel: +86 769 85358920	Tel: +86 512 57468408
										Fax: +86 769 85358915	Fax: +86 512 57468468
										E-mail: sales@wcon.com	E-mail: salesks@wcon.com