

HSF

NOTES:

Rated Current: See the table below Δ
Voltage Rating: 30V AC
Contact Resistance: 25m Ω Max.
Withstand Voltage: 500V
Insulation Resistance: 10000M Ω Min.
Operation Temperature: -55°C to +125°C
Contact Material: Copper Alloy
Contact Plating:

xxu" Au on contact area (See Ordering Information)

100u" Tin on solder area

50u" Nickel underplating over all

Latch Material: Copper Alloy

Latch Plating:

100u" Tin on solder area

50u" Nickel underplating over all

Housing Material: Latch

Recommended process:

IR soldering, Peak temperature: 260 $\pm$ 5°C, 5s

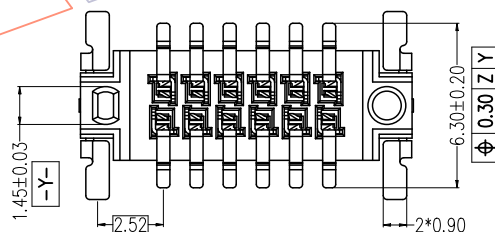
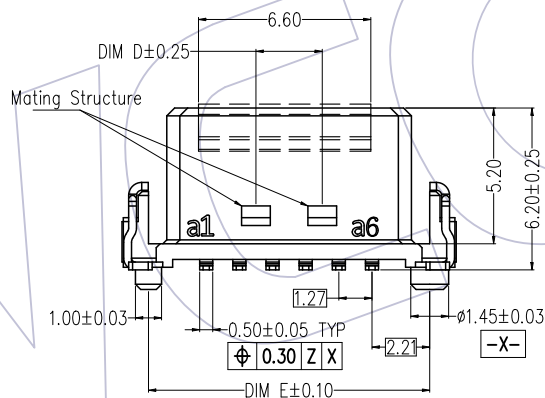
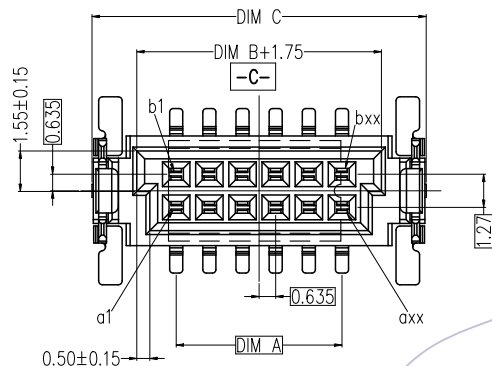
Ordering Information

3910-S XXX-062 M XX W R X

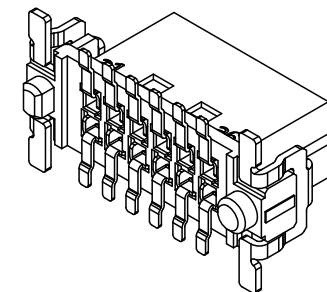
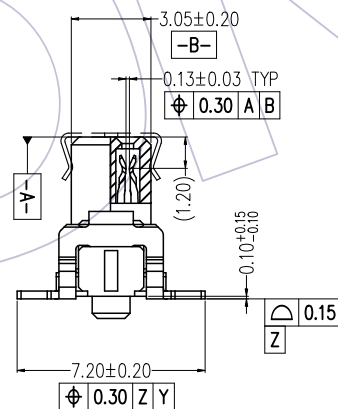
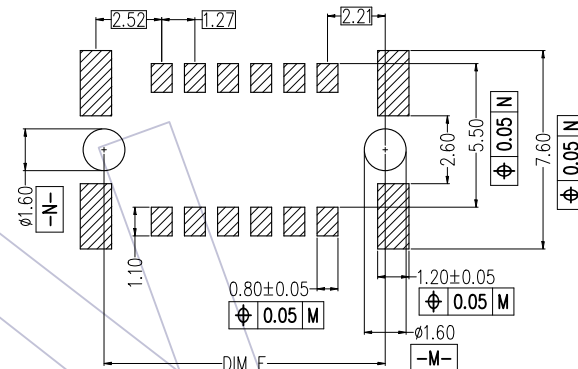
Type
S=Socket
No. of Pins
012: 12 Pin
Product High
062=6.20mm
Form
M=SMT
Plating
S3=Sel. 10u" Au/Sn
S4=Sel. 15u" Au/Sn
S5=Sel. 30u" Au/Sn

Fixed Mode
W=W/T Lock&Post
Package
R=Tape&Reel+cap

HSG Type
2=W/T Mating Structure



Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE $\pm$ 0.05)



Contact Material	PART NO.	No. of Pins	Rated Current (Max.): A (20°C ambient temperature)
C5191	3910-SXXX-062MXXWR2	< 30P	2.16A
		30~50P	1.8A
		> 50P	1.44A
C7025	3910-SXXX-062MXXWR8	< 30P	3.36A
		30~50P	2.8A
		> 50P	2.24A

Pin	A	B	C	D	E
12	6.35	9.37	12.80	2.54	10.77
26	15.24	18.26	21.69	10.16	19.66
50	30.48	33.50	36.93	25.40	34.90
68	41.91	44.93	48.36	36.83	46.33
80	49.53	52.55	55.98	44.45	53.95

				OPERATION	DRAW	DATE	SCALE	1:1	PART NO.
				X.X	$\pm$ 0.40	GH	UNIT	mm	3910-SXXX-062MXXWRX
				X.XX	$\pm$ 0.25	CHECK	SIZE	A4	TITLE:
				X.XXX	$\pm$ 0.15	APPROVE	SHEET	1/1	1.27mm Pitch SDC CONN.FEMALE
				Angle	$\pm$ 3°	DATE	PROJ.	ϕ	W/T Mating Structure, H=6.2
				DIM	TOL				Customer NO.
REV	DATE	MODIFICATION DESCRIPTION		CHANGE					
A1	2023/12/08	Modify Rated Current							
A0	2020/10/12	NEW							

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