

HSF

NOTES:
 Rated Current: 3.0A at 75°C
 Rated Voltage: 125V
 Contact Resistance: 20mΩ Max.
 Withstand Voltage: 500V
 Insulation Resistance: 1000MΩ Min.
 Operation Temperature: -40°C to +125°C
 Contact Material: Copper alloy
 Contact Plating: 80u" Tin over 30u" nickel $\triangle A2$
 Latch Material: Copper alloy
 Latch Plating: 80u" Bright Tin over 30u" nickel
 Housing Material: PA9T, G.F, UL94V-0, Colour (See PN)

Ordering Information

WF2012 - 1 WZ H XX X X 1

Row
 1=Single
 Type
 WZ=90° SMT

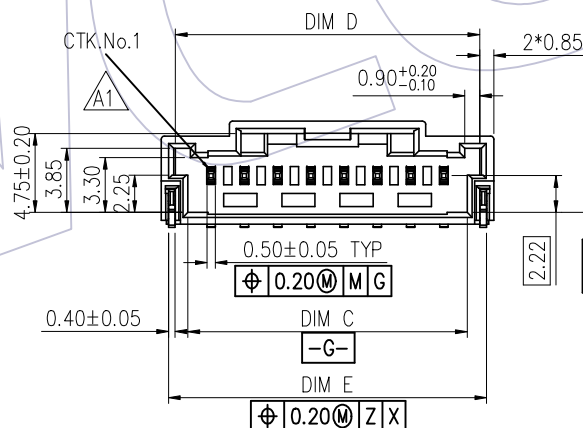
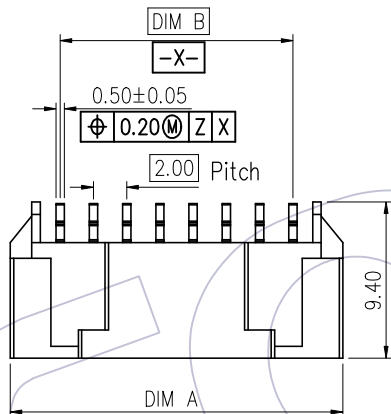
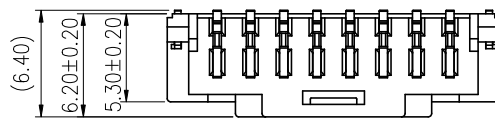
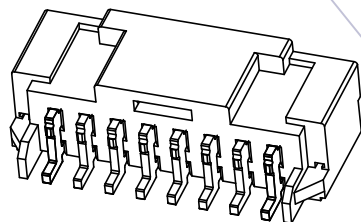
HSG material characteristics
 H=High temperature resistance

NO. of PIN
 02=2 Pin

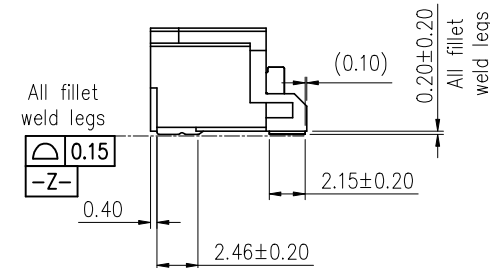
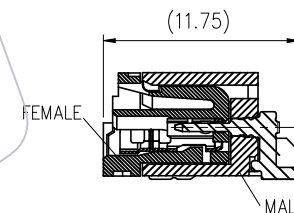
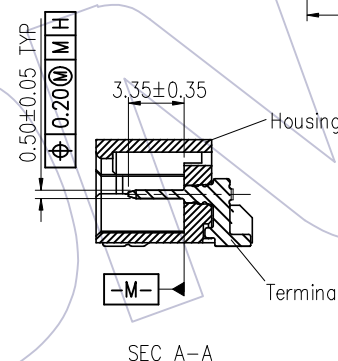
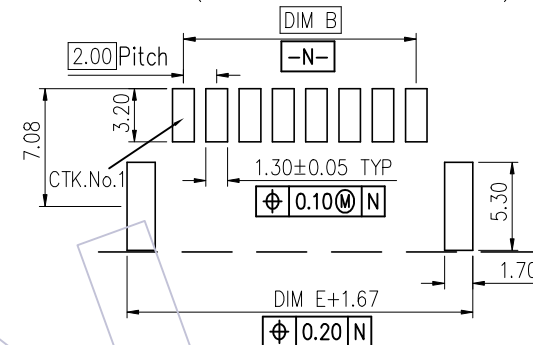
 15=15 Pin

Contact Plating
 Blank=Matte Sn
 SN=Tin $\triangle A2$

wcon internal code
 Packing
 R=Tape & Reel
 T=Tube
 HSG Colour
 R=Red
 B=Black
 T=Natural
 U=Blue



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



REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION	DRAW	DATE	SCALE	1:1	PART NO.
A2	2024/12/13	Add Contact Plating SN=Tin $\triangle A2$	DuYing	x.x ±0.40	DuYing	2024/12/13	UNIT	mm	WF2012-1WZHXXXXXX1 $\triangle A2$
A1	2020/12/22	Add Structure $\triangle A1$	DuYing	x.xx ±0.25	CHECK	DATE	SIZE	A4	TITLE:
A0	2019/02/20	NEW	Bruce	x.xxx ±0.15	APPROVE	DATE	SHEET	1/2	2.0mm WAFER SINGLE R/A SMT CONNECTOR
				Angle ± 3°			PROJ.		Customer NO.
				DIM TOL					

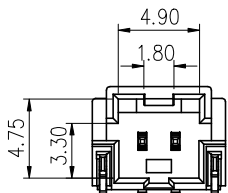
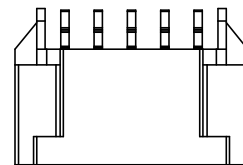
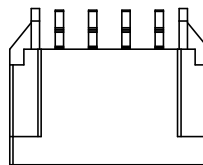
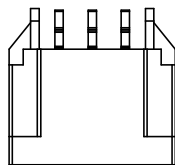
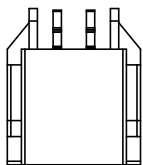
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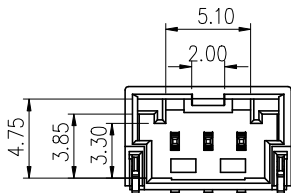
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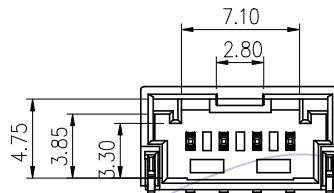
HSF



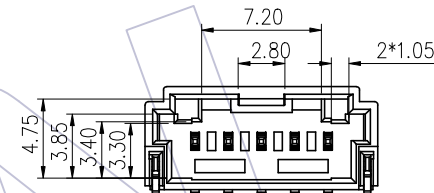
2 CKTS



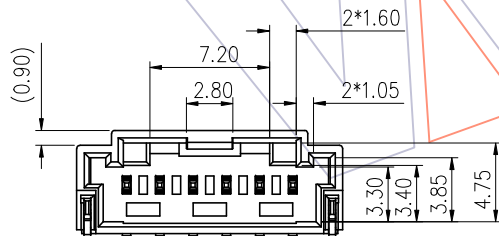
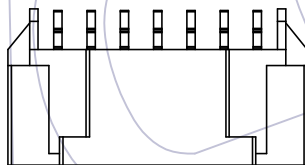
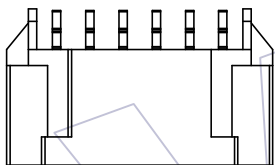
3 CKTS



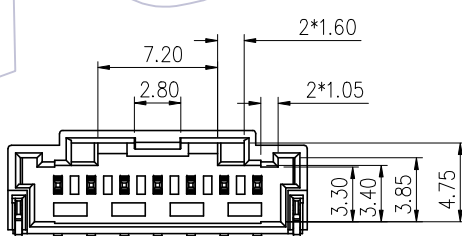
4 CKTS



5 CKTS



6 CKTS



7~15 CKTS

	15	34.00±0.25	28	30.80 ^{+0.20} _{-0.10}	32.30 ^{+0.20} _{-0.10}	33.13±0.25
	14	32.00±0.25	26	28.80 ^{+0.20} _{-0.10}	30.30 ^{+0.20} _{-0.10}	31.13±0.25
	13	30.00±0.25	24	26.80 ^{+0.20} _{-0.10}	28.30 ^{+0.20} _{-0.10}	29.13±0.25
	12	28.00±0.25	22	24.80 ^{+0.20} _{-0.10}	26.30 ^{+0.20} _{-0.10}	27.13±0.25
	11	26.00±0.25	20	22.80 ^{+0.20} _{-0.10}	24.30 ^{+0.20} _{-0.10}	25.13±0.25
	10	24.00±0.20	18	20.80 ^{+0.15} _{-0.10}	22.30 ^{+0.15} _{-0.10}	23.13±0.20
	9	22.00±0.20	16	18.80 ^{+0.15} _{-0.10}	20.30 ^{+0.15} _{-0.10}	21.13±0.20
	8	20.00±0.20	14	16.80 ^{+0.15} _{-0.10}	18.30 ^{+0.15} _{-0.10}	19.13±0.20
	7	18.00±0.20	12	14.80 ^{+0.15} _{-0.10}	16.30 ^{+0.15} _{-0.10}	17.13±0.20
	6	16.00±0.20	10	12.80 ^{+0.15} _{-0.10}	14.30 ^{+0.15} _{-0.10}	15.13±0.20
	5	14.00±0.15	8	10.80±0.10	12.30±0.10	13.13±0.15
	4	12.00±0.15	6	8.80±0.10	10.30±0.10	11.13±0.15
	3	10.00±0.15	4	6.80±0.10	8.30±0.10	9.13±0.15
	2	8.00±0.15	2	4.80±0.10	6.30±0.10	7.13±0.15
CKTS	DIM A		DIM B	DIM C	DIM D	DIM E

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