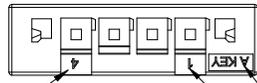
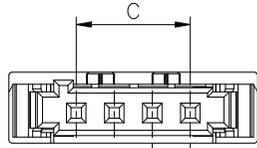
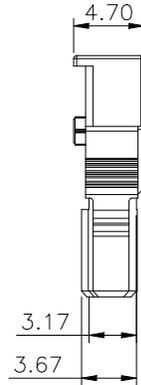
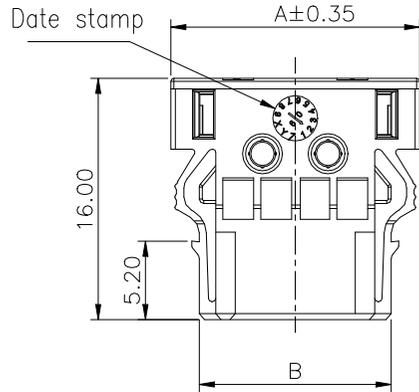


RoHS

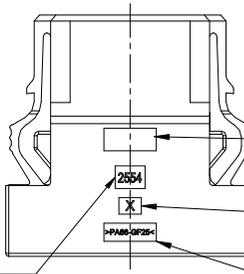
This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules



Circuit 4 KEY place
Circuit 1



Pitch 2.54



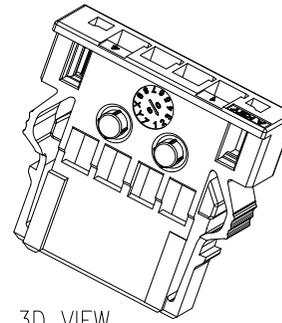
LOGO

Mold Cavity

Serial number

Material

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
2	11.54	7.74	2.54	9	29.32	25.52	20.32
3	14.08	10.28	5.08	10	31.86	28.06	22.86
4	16.62	12.82	7.62	11	34.40	30.60	25.40
5	19.16	15.36	10.16	12	36.94	33.14	27.94
6	21.70	17.90	12.70	13	39.48	35.68	30.48
7	24.24	20.44	15.24	14	42.02	38.22	33.02
8	26.78	22.98	17.78	15	44.56	40.76	35.56



3D VIEW

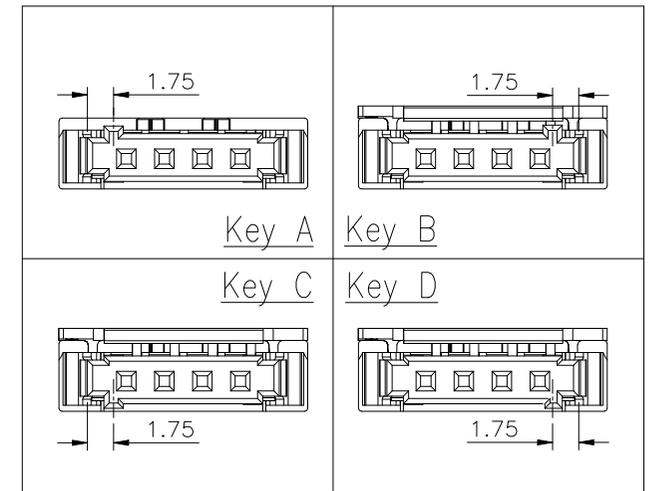
Specifications :

- Voltage rating: 500V AC/DC
- Current rating: 12A(Per PIN) Max.. AC/DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: ≥100MΩ
- Contact resistance: ≤20mΩ
- Mates With HRS Terminal:HRS-2554TX-HSW1-A
- Mates With HRS Wafer: HRS-2554WVS-XXX&2554WRS-XXX
- Mates With HRS TPA: HRS-T2554-XXA-NOXX
- Product Specification: PS-HRS-2554-01
- Packaging: see HRS drawing PK-HRS-2554A

HRS-2554 A-XX X-NO XX

① ② ③ ④ ⑤ ⑥

- ① Series No.:HRS-2554
- ② Category: A-HSG finished products of secondary lock catch
- ③ Row No.-Pin No: XX-Single row 02~15Pin
- ④ Key code: A-Key A , B-Key B C-Key C , D-Key D
- ⑤ Plastic Material: NO-PA66 UL94V-0
- ⑥ Color: BK-Black; BL-BLUE; GR-GREEN; RE-RED



DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
20240122	A1	EN20240115004	version upgrade	Zee.Wang	Jack Zhang
20240109	A0	/	Initial release	/	Jack Zhang

GENERAL TOLERANCE
 .X ±0.35
 .XX ±0.25
 .XXX±0.15
 X.' ±2'

PROJECT

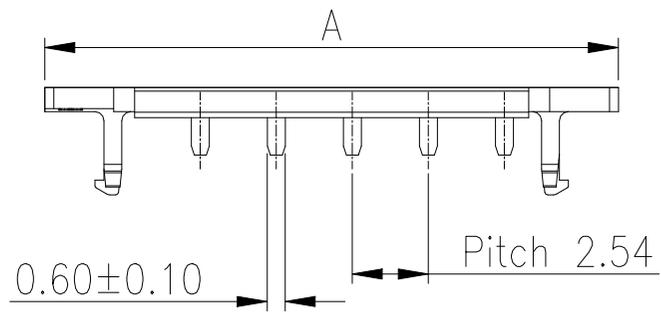
Horus Int. Electronics. Co., LTD.
Horustech Electronics. Co., LTD.

APPROVAL: Jack Zhang
 CHECK: Larry Yang
 DRAWN: Zee.Wang
 DATE: 2023/03/30

PART NO.				
HRS-2554A-XXX-NOXX				
TITLE				
Pitch 2.54mm WTB CONN				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A1	CD

RoHS

This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules

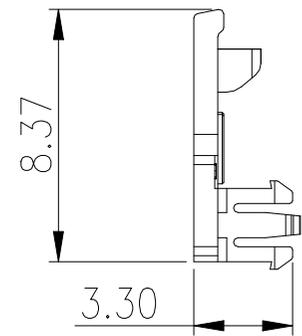
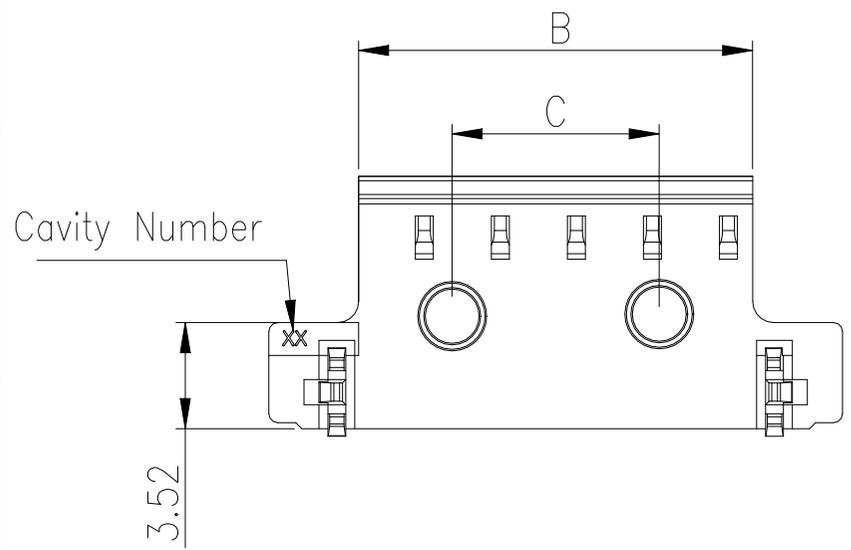


■ Specifications :

- Voltage rating: 500 V AC/DC
- Current rating: 12A Max. AC/DC;
- Withstanding voltage: 1000V AC/minute
- Temperature range: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- Mates With HRS HSG: HRS-2554A-2*XXX-NOXX/HRS-2554A-XXX-NOXX
- Product Specification: PS-HRS-2554-01
- Packaging: see HRS drawing PK-HRS-T2554

HRS-I 2554- XX A-NO XX
 ① ② ③ ④ ⑤ ⑥

- ① Category: TPA
- ② Series No.: HRS-2554
- ③ Row No.-Pin No.: XX-Single Row XXPin
- ④ Special code: A
- ⑤ Plastic Material: NO-PA66 UL94V-0
- ⑥ Color: BK-Black; BL-Blue; GR-Green; RE-red



Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
2	11.54	5.54	2.54	16	47.10	41.10	34.86
3	14.08	8.08	3.70	17	49.64	43.64	37.40
4	16.62	10.62	4.38	18	52.18	46.18	39.94
5	19.16	13.16	6.92	19	54.72	48.72	42.48
6	21.70	15.70	9.46	20	57.26	51.26	45.02
7	24.24	24.24	12.00	21	59.80	53.80	47.56
8	26.78	20.78	14.54	22	62.34	56.34	50.10
9	29.32	23.32	17.08	23	64.88	58.88	52.64
10	31.86	25.86	19.62	24	67.42	61.42	55.18
11	34.40	28.40	22.16	25	69.96	63.96	57.72
12	36.94	30.94	24.70	26	72.50	66.50	60.26
13	39.48	33.48	27.24	27	75.04	69.04	62.80
14	42.02	36.02	29.78	28	77.58	71.58	65.34
15	44.56	38.56	32.32				

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
20240118	X0	/	Initial release	/	Jack Zhang

GENERAL TOLERANCE
 .X ± 0.35
 .XX ± 0.25
 .XXX ± 0.15
 X.' $\pm 2'$

PROJECT

Horus Int. Electronics. Co., LTD.
 Horustech Electronics. Co., LTD.

APPROVAL: Jack Zhang
 CHECK: Larry Yang
 DRAWN: Zee.Wang
 DATE: 2024/01/16

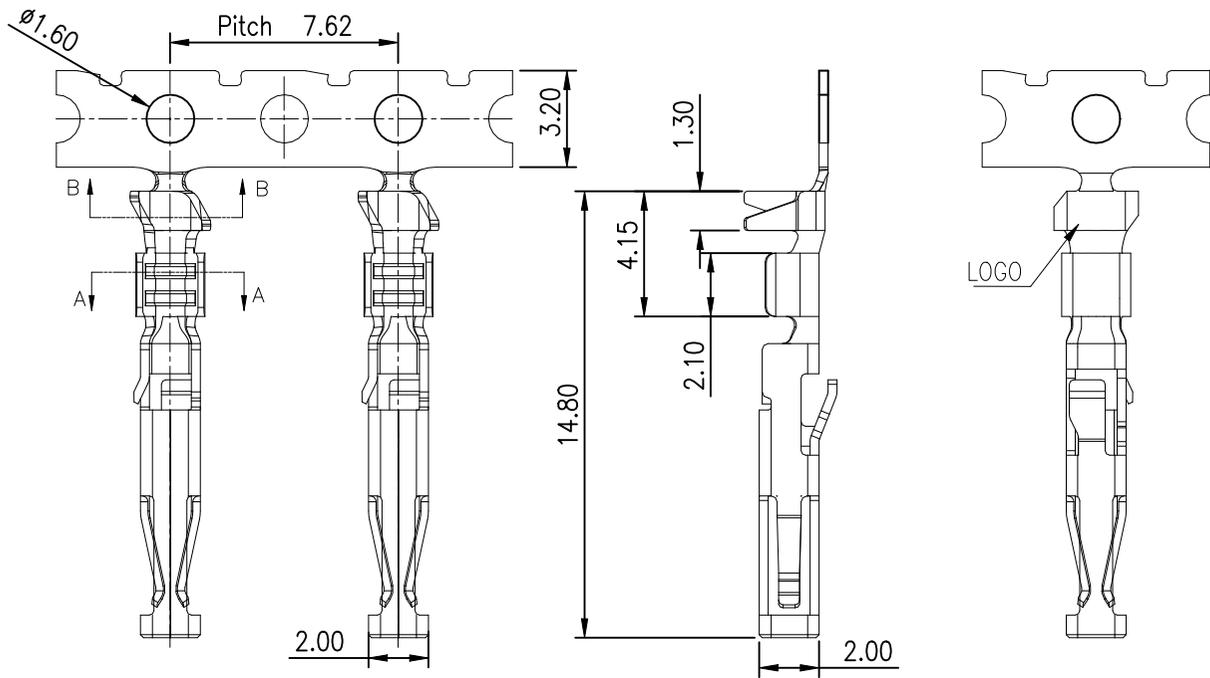
PART NO.
HRS-2554A-XXX-NOXX

TITLE
2.54mm PITCH TPA

UNIT	SCALE	SHEET	REV	NUMBER
mm	2:1	1/1	X0	CD

RoHS

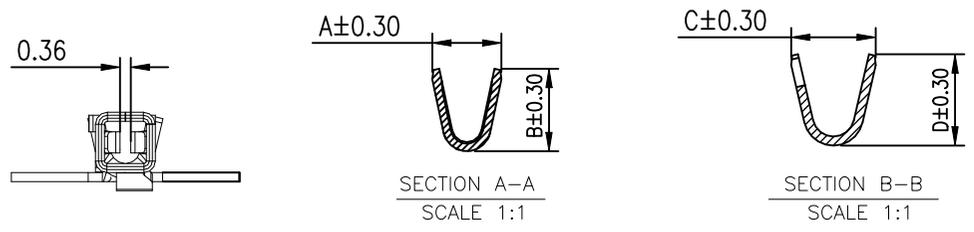
This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules



- Specifications :
- Voltage rating: 500 V Max. AC/DC
 - Current rating: 12A Max. AC/DC MAX;
 - Withstanding voltage: 1000V AC/minute
 - Temperature range: -40°C~+125C
 - Insulation resistance: ≥1000MΩ
 - Contact resistance: <20mΩ
 - Mates With HRS Housing: HRS-2554A
 - Product Specification: PK-HRS-2554-01
 - Packaging: see HRS drawing PK-HRS-2554T

HRS-2554 T X - H GW01 - A
 ① ② ③ ④ ⑤ ⑥

- ① Series No.
- ② Category: T-Terminal
- ③ Appearance type:
Blank-Ordinary; H-High feet; L-Low feet
- ④ Material: H-Copper Alloy
- ⑤ Plating Process: GW01-Contact area:Gold Flash;
Underplate:Ni 40~120u”(1~3um);
Top Plating:Sn 80~200u”(2~5um)
- ⑥ Special code: A



HRS-2554TH-HGW01-A	Copper Alloy	AWG#18 (0.85mm ²)	Ø1.80mm MAX	2.70	3.00	2.95	2.95
HRS-2554T-HGW01-A		AWG#20~22 (0.35~0.50mm ²)	Ø1.60mm MAX	2.50	2.45	2.50	2.70
HRS-2554TL-HGW01-A		AWG#24~26 (0.15~0.22mm ²)	Ø1.30mm Max	1.80	1.70	2.20	2.05
P/N	Material	Wire	insulation O.D.	DIM A	DIM B	DIM C	DIM D

20231127	X3	ER20231127002	version upgrade	ZEE.WANG	Larry Yang	<p>Horus Int. Electronics Co., LTD. Horustech Electronics Co., LTD.</p>	PART NO. HRS-2554TX-HGW1-A						
20230731	X2	ER20230719001	Optimize the shrapnel and wiring area	ZEE.WANG	Larry Yang		TITLE 2.54mm WTB TERMINAL						
20230519	X1	ER20230519001	Optimize the surface	ZEE.WANG	Larry Yang		APPROVAL	CHECK	DRAWN	DATE	UNIT mm		
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL		PROJECT Jack Zhang	Larry Yang	ZEE.WANG	2022/11/28	SCALE 1:1	SHEET 1/1	REV X3

RoHS

This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules

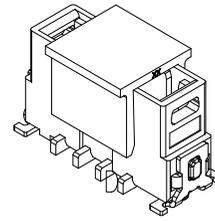
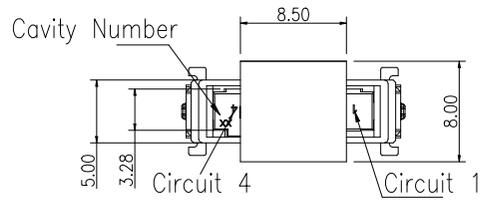
■ Specifications :

- Voltage rating: 500V AC/DC
- Current rating: 12A<Per PIN> Max. AC/DC;
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- Material(Pin): Brass
- Mates With HRS Housing : HRS-2554A-XXX
- Product Specification:PS-HRS-2554-01
- Packaging: see HRS drawing PK-HRS-2554WVS

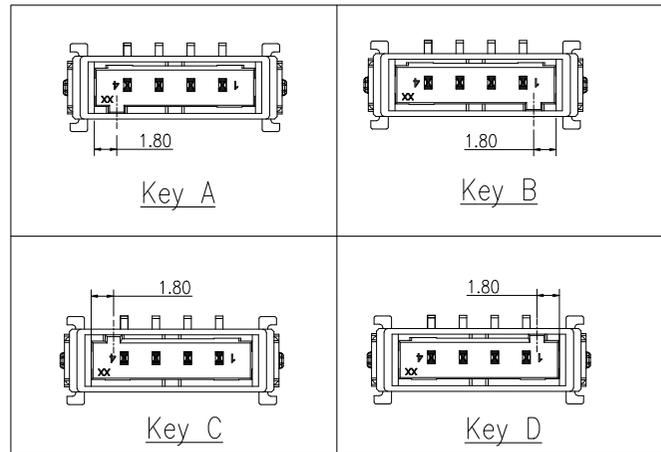
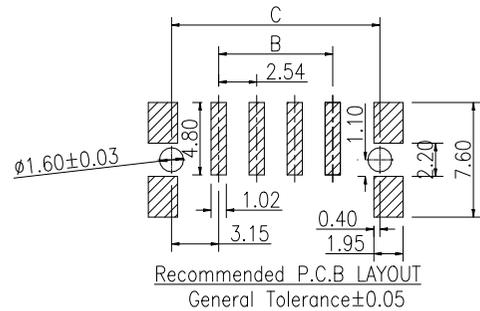
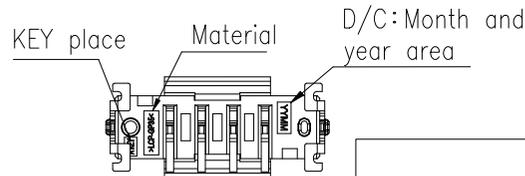
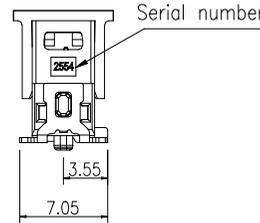
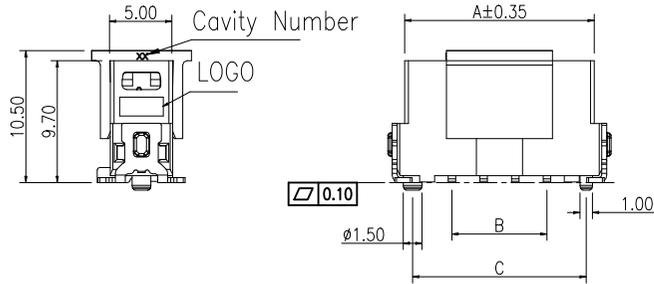
HRS-2554 W V S-XX X -LP GW01 X C

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.:HRS-2554
- ② Category: W-wafer
- ③ Connector Type: V-Straight 180°
- ④ Mouting Type: S-SMT
- ⑤ Row No.-Pin No.: XX-Single row 02~15Pin
- ⑥ Key code: A-Key A , B-Key B C-Key C , D-Key D
- ⑦ Plastic material: LP- LCP UL94V-0
- ⑧ Plating Code: GW01-Contact area:Gold Flash;
Underplate:Ni 40~120u”(1~3um);
Top Plating:Sn 80~200u”(2~5um)
- ⑨ Color: A-Green; B-Black; R-Red; L-Blue
- ⑩ Packing: C-Reel and CAP



3D DRAW
SCALE 1:1



Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
2	10.12	2.54	8.84	9	27.90	20.32	26.62
3	12.66	5.08	11.38	10	30.34	22.86	29.16
4	15.20	7.62	13.92	11	32.98	25.40	31.70
5	17.74	10.16	16.46	12	35.32	27.94	34.24
6	20.28	12.70	19.00	13	38.06	30.48	36.78
7	22.82	15.24	21.54	14	40.60	33.02	39.32
8	25.36	17.78	24.08	15	43.14	35.56	41.86

					<p>GENERAL TOLERANCE</p> <p>.X ±0.35</p> <p>.XX ±0.25</p> <p>.XXX±0.15</p> <p>X.' ±2'</p> <p>PROJECT</p>				<p>Horus Int. Electronics. Co., LTD.</p> <p>Horustech Electronics. Co., LTD.</p>				<p>PART NO.</p> <p>HRS-2554WVS-XXX-LPGW01XC</p>				
					<p>APPROVAL</p> <p>CHECK</p> <p>DRAWN</p> <p>DATE</p>				<p>TITLE</p> <p>Pitch 2.54mm WTB CONN</p>								
20240109	A0	/	formally issue	/	Jack Zhang					UNIT	SCALE	SHEET	REV	NUMBER			
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	Jack Zhang	Larry Yang	Zee.Wang	2023/04/01	mm	1:1	1/1	A0	CD			

