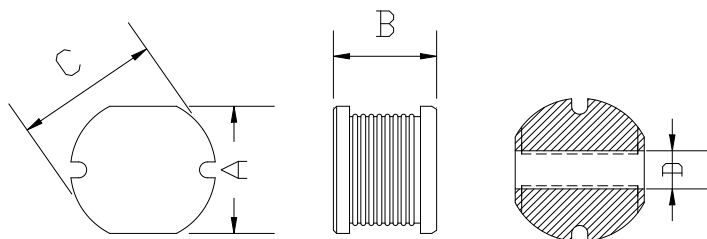


CUSTOMER		CUSTOMER No.		REF No.		PAGE
ITEM	SMD POWER INDUCTOR		No.	90527027		1/3
DESCRIPTION	XRCD32-1R0M		ISSUE DATE	2023.05.27	VERSION	A/0

一、DIMENSION (mm)



A	B	C	D	E	F
3.0±0.3	2.3±0.3	3.5±0.3	1.2	/	/

二、ORDERING CODE

<u>XR</u>	<u>CD32</u>	-	<u>1R0</u>	<u>M-B/T/Reel</u>
1	2	3	4	5

1. Product type (产品类型)
2. Size cob (尺寸)
3. Inductance value (电感值)
4. Inductance tolerance (电感公差)
5. Packaging (包装方式): B: Bulk (散装) T: Taping & Reel (载带盘装)

三、SCHEMATIC:



PREPARED		CHECKED		APPROVED	
----------	--	---------	--	----------	--

SPECIFICATION FOR APPROVAL

CUSTOMER		CUSTOMER No.		REF No.		PAGE
ITEM	SMD POWER INDUCTOR		No.	090527027		2/3
DESCRIPTION	XRCD32-1R0M		ISSUE DATE	2023.05.27	VERSION	A/0

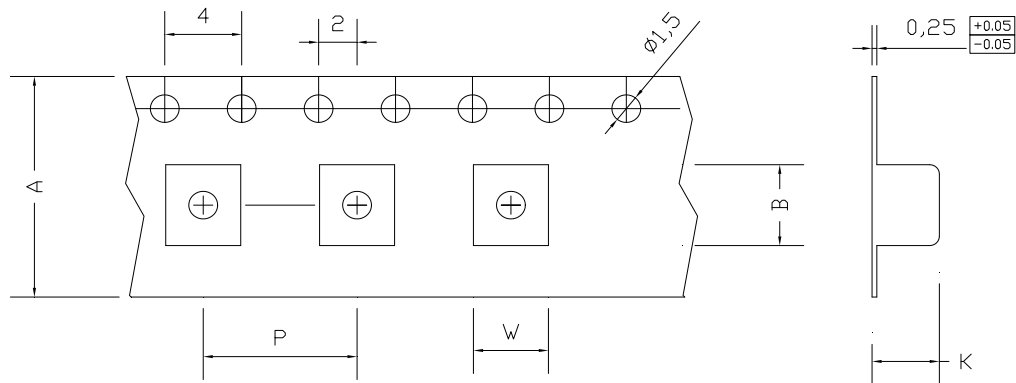
四、ELECTRONIC CHARACTERISTICS:

ITEM	SP	TOLERANCE	TEST FREQUENCY	TEST EQUIPMENT
INDUCTANCE	1.0μH	±20%	100KHz/0.25V	VR102
DCR	0.05 Ω	Max	/	VR115
IDC	2.5A	Max	1KHz	TH2812C+TH1772A

五、MATERIAL LIST:

No.	Material	Specification	Supply's name
1	Core	JN4H DR3.5*2.1(SH) B1.5 F1.0	
2	Copper wire	P180-G2 Φ0.18mm*8.5TS	
3	Carrier tape	SP32/12.00mm	
4	Cover tape	9.3mm	

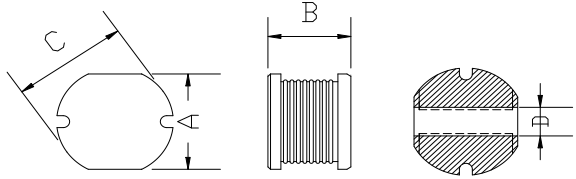
六、DIMENSIONS FOR CARRIER TAPES (mm):



Part No.	A	B	P	K	W					
YS32	8.0 ± 0.3	4.4 ± 0.2	8.0 ± 0.2	2.4 ± 0.2	3.5 ± 0.2					

PREPARED		CHECKED		APPROVED	
----------	--	---------	--	----------	--

TEST DATA

CUSTOMER		CUSTOMER No.			REF No.		PAGE		
ITEM		No.			090527027		3/3		
PART NO		QUANTITY			10pcs	DATE	2023. 05. 27		
DESCRIPTION		SMD POWER INDUCTOR							
ITEM		XRCD32-1R0M							
COIL SPEC		P180-G2 Φ0.18mm							
CORE		DR 3.5*1.5							
TEST FREQ		ft=100KHz/0.25V							
TEMPERATURE		25° C	HUMIDITY	75%					
ELECTRICAL TEST DATA									
	L (uH)	DCR (Ω)	L1.8A - 0A*	IDC (A)	A	B	C	D	
SP	1.0±30%	0.05 max	100%≥90%	0.18 max	3.0±0.3	2.1±0.3	3.5±0.3	1.0	98%
1	0.91	0.04		OK	3.0	2.1	3.5	1.0	OK
2	1.01	0.04		OK	3.0	2.1	3.5	1.0	OK
3	0.95	0.04		OK	3.0	2.1	3.5	1.0	OK
4	1.04	0.04		OK	3.0	2.1	3.5	1.0	OK
5	1.02	0.04		OK	3.0	2.1	3.5	1.0	OK
6	0.92	0.04		OK	3.0	2.1	3.5	1.0	OK
7	1.01	0.04		OK	3.0	2.1	3.5	1.0	OK
8	1.03	0.04		OK	3.0	2.1	3.5	1.0	OK
9	1.05	0.04		OK	3.0	2.1	3.5	1.0	OK
10	0.98	0.04		OK	3.0	2.1	3.5	1.0	OK
×									
R									
FEST EQUIPMENT:					PREPARED	CHECKED	APPROVED		

L	<input type="checkbox"/> HM2801A	<input type="checkbox"/> CH-1062A	<input checked="" type="checkbox"/> VR102			
Q	<input type="checkbox"/> HM2801A	<input checked="" type="checkbox"/> HM9481	<input type="checkbox"/> CJ2851			
DCR	<input type="checkbox"/> QJ23	<input type="checkbox"/> CH-983	<input type="checkbox"/> LCR-745	<input checked="" type="checkbox"/> TH2511		
IDC	<input checked="" type="checkbox"/> TH2815C+TH1772A					