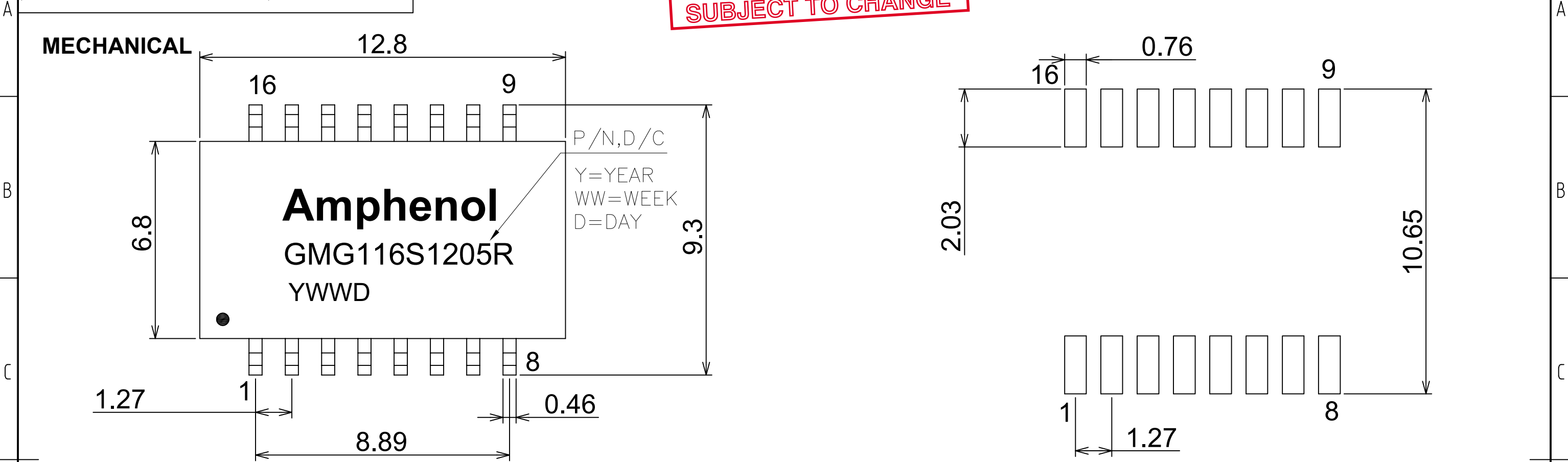


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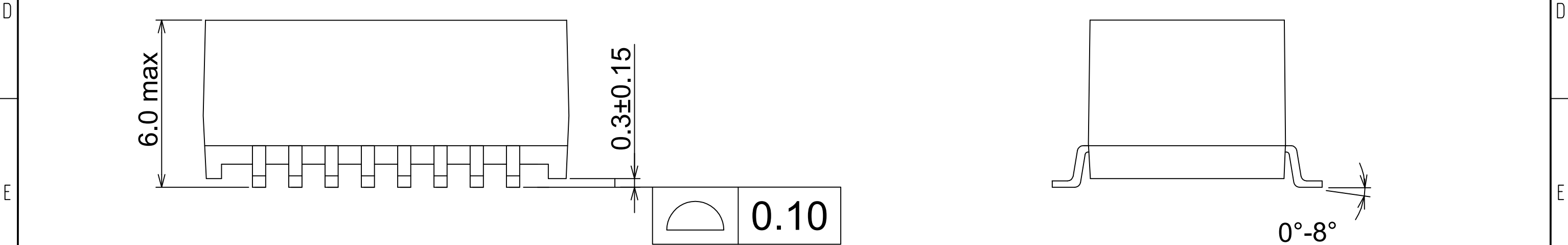
The marking on this product doesn't contain environmental hazardous materials per directive 2011/65/EU & 2015/863/EU for RoHS compliant.

PRELIMINARY RELEASE
SUBJECT TO CHANGE

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	-	NEW DRAWING	2023.05.26	Benly Han
AX2	-	UPDATE DRAWING	2025.01.03	Benly Han

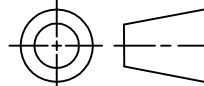
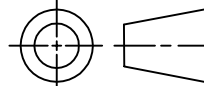


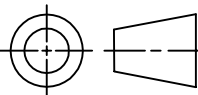
SUGGESTED PAD LAYOUT



16 SURFACES



TOLERANCE		APPROVALS		DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation								
X. X.X ±0.38 X.XX ±0.25 0.XX ±0.05		DESIGNED	Benly Han	01/03/2025												
		CHECKED	Vivian Wen	01/03/2025												
		APPROVED	Joseph Jiang	01/03/2025												
ANGULAR ±2°		DWG TYPE		CUST DWG	PROJECT CODE	RJMG		UNIT	mm	SIZE	A3	PART No.		GMG116S1205R		
UNLESS OTHERWISE SPECIFIED		DWG TYPE		CUST DWG	PROJECT CODE	RJMG		SCALE	NA	SHEET	1 OF 3	DWG No.		GMG116S1205R	REV.	AX2



UNIT	mm	SIZE	A3
SCALE	NA	SHEET	1 OF 3

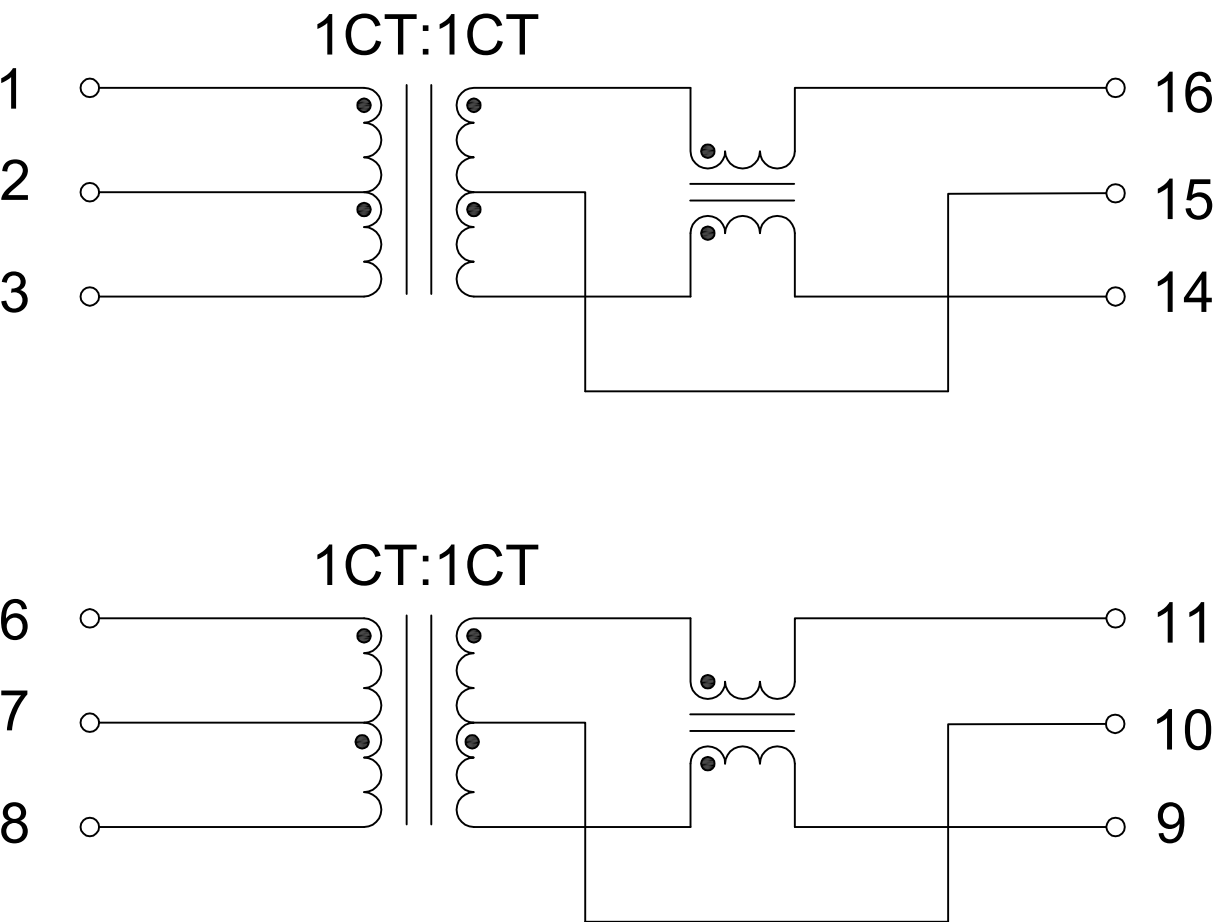
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SYM	ECN No.	DESCRIPTION	DATE	BY
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PRELIMINARY RELEASE
SUBJECT TO CHANGE

SCHEMATIC FOR MODULE:



ELECTRICAL CHARACTERISTICS@25°C:

PARAMETER	LIMITS (MAX. OR MIN.)	FREQUENCY RANGE/ TEST CONDITIONS
TURN RATIO	1:1±2%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS	-1.1dB MAX	0.5-100 MHz
RETURN LOSS(LOAD 100Ω)	-18dB MIN. -16+26*log(f/30)dB MIN.	5 MHz 30-80 MHz
INDUCTANCE(OC)(-40°C~+105°C)	350uH MIN.@100KHz 100mV ,8mA	
CROSSTALK ISOLATION	-62dB MIN. -45+21*log(f/30)dB MIN	1 MHz 5-100 MHz
DIFFERENTIAL TO COMMON MODE REJECTION	-50+17*log(f/5)dB MIN	5-200 MHz
HIPOT (ISOLATION)	1500 VAC MIN 1mA	60S

- AEC-Q200 Qualified.
- Designed To Meet IEEE802.3 & ANSI X3.263 Standards.
- Lead-Free&Designed To Meet RoHS Requirement.
- 10/100Base-T, Surface Mount Type, Open Header.
- Operating temperature range: -40°C to +105°C
- Storage temperature range: -50°C to +125°C



TOLERANCE	DRAWN	APPROVALS	DATE	TITLE			Amphenol® Amphenol Corporation Amphenol Taiwan Corporation		
X. X.X ±0.38 X.XX ±0.25 0.XX ±0.05	DESIGNED	Benly Han	01/03/2025						
	CHECKED	Vivian Wen	01/03/2025						
ANGULAR ±2°	APPROVED	Joseph Jiang	01/03/2025		UNIT mm	SIZE A3	PART No. GMG116S1205R		
UNLESS OTHERWISE SPECIFIED	DWG TYPE	CUST DWG	PROJECT CODE RJMG		SCALE NA	SHEET 2 OF 3	DWG No. GMG116S1205R	REV. AX2	

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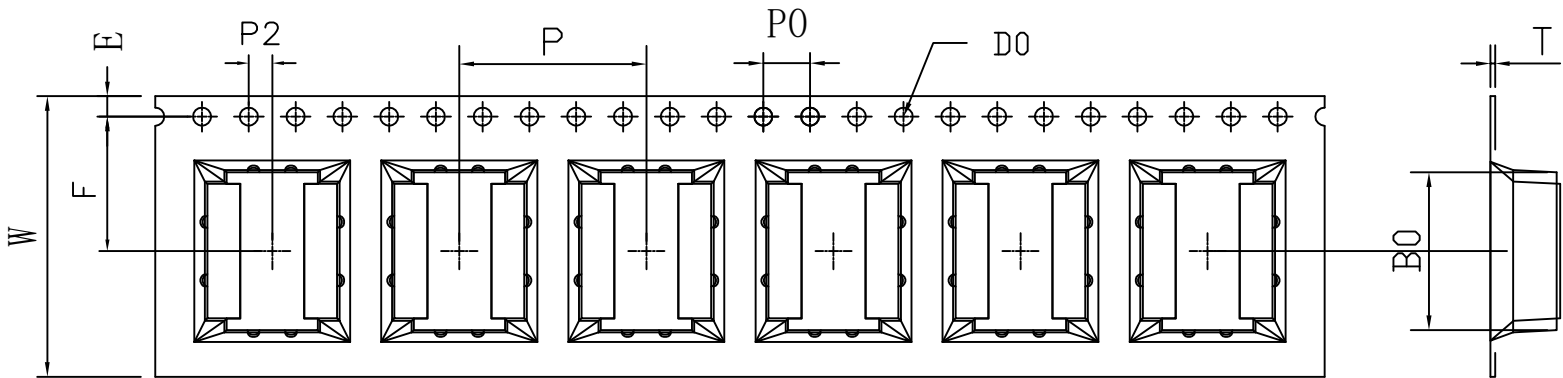
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REVISIONS				
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AX1	-	NEW DRAWING	2023.05.26	Benly Han
AX2	-	UPDATE DRAWING	2025.01.03	Benly Han

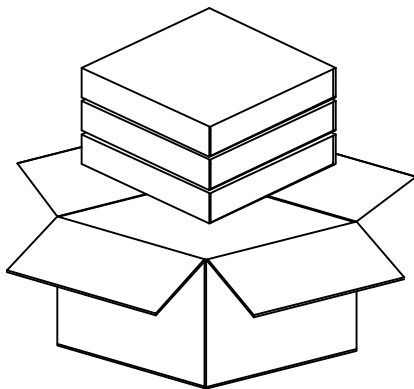
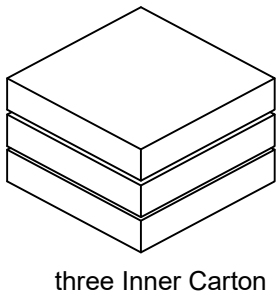
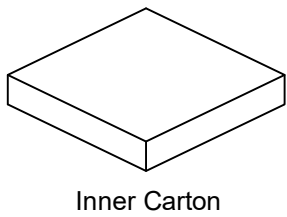
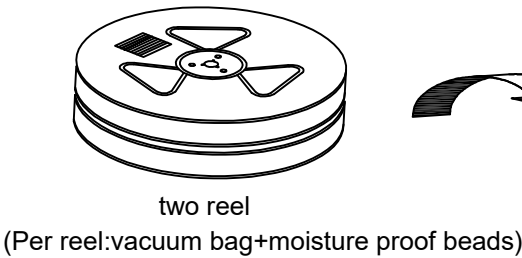
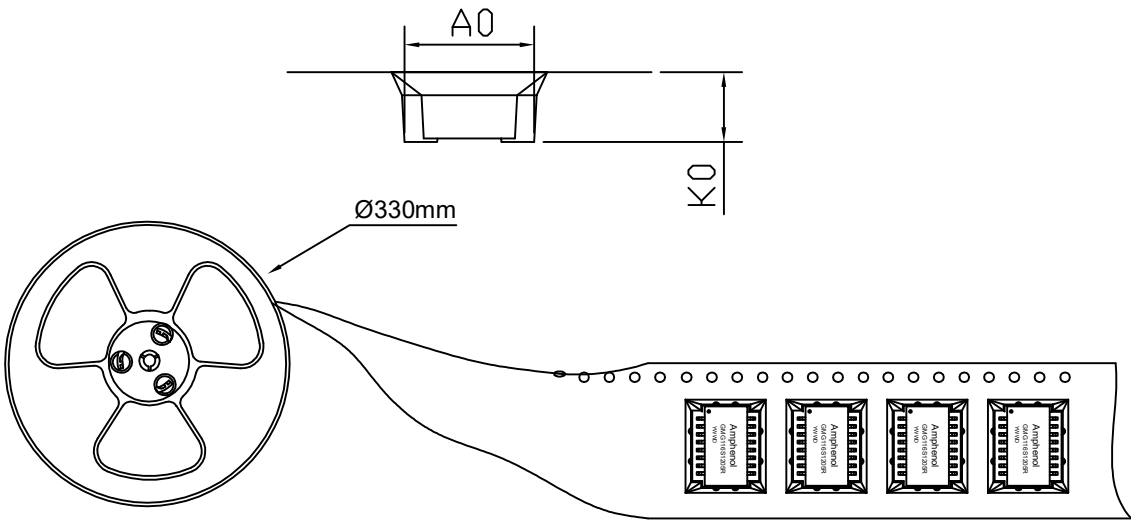
PRELIMINARY RELEASE
SUBJECT TO CHANGE

PACKAGE INFORMATION

ITRM	W	A0	B0	K0	K1	P	F	E	D0	D1	P0	P2	T
DIM	24.00	--	--	6.10	--	16.00	11.50	1.75	1.50	--	4.00	2.00	0.40
TOLE	+0.30 -0.30	+0.15 -0.15	+0.15 -0.15	+0.10 -0.10	+0.10 -0.10	+0.10 -0.10	+0.10 -0.10	+0.10 -0.10	+0.10 -0.00	+0.10 -0.00	+0.10 -0.10	+0.15 -0.15	+0.05 -0.05



Remarks: 15 slots in front and 20 slots in the back of each reel



Package Quantity:

One Reel=600Pcs

One Inner Carton=600*2=1200Pcs

One Export Carton=600*2*3=3600Pcs

TOLERANCE		DRAWN	APPROVALS	DATE	TITLE			Amphenol®		
X. X.X ±0.38 X.XX ±0.25 0.XX ±0.05 ANGULAR ±2° UNLESS OTHERWISE SPECIFIED		DESIGNED	Benly Han	01/03/2025	10/100 BASE-T MODULE SMD TYPE			Amphenol Corporation Amphenol Taiwan Corporation		
		CHECKED	Vivian Wen	01/03/2025						
		APPROVED	Joseph Jiang	01/03/2025						
		DWG TYPE	CUST DWG	PROJECT CODE RJMG						
					SCALE NA	SHEET 3 OF 3	DWG No. GMG116S1205R	REV. AX2		