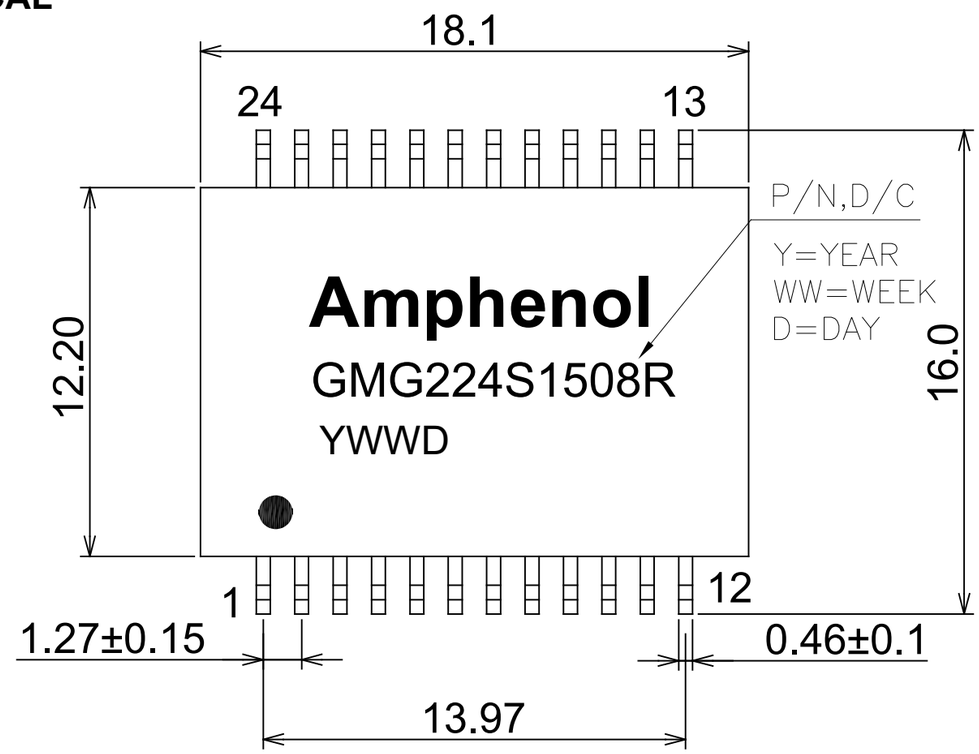
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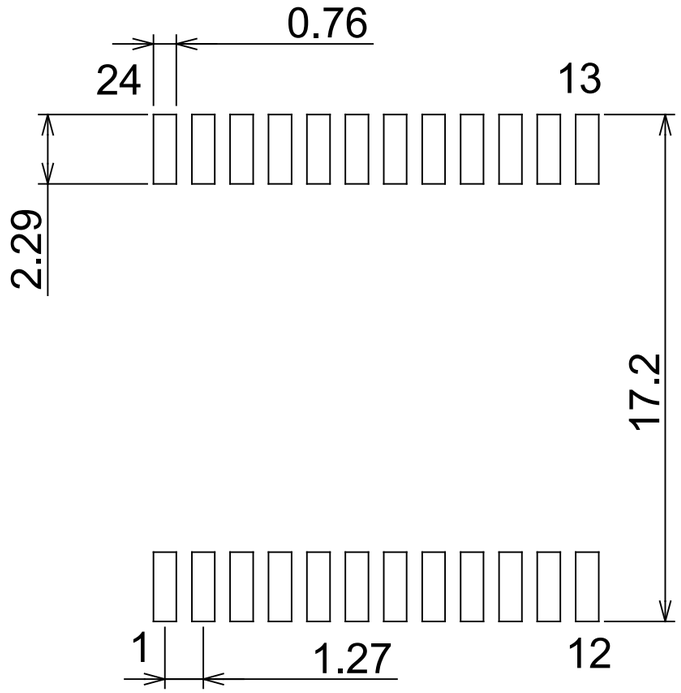
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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	-	NEW DRAWING	2023.05.26	Benly Han

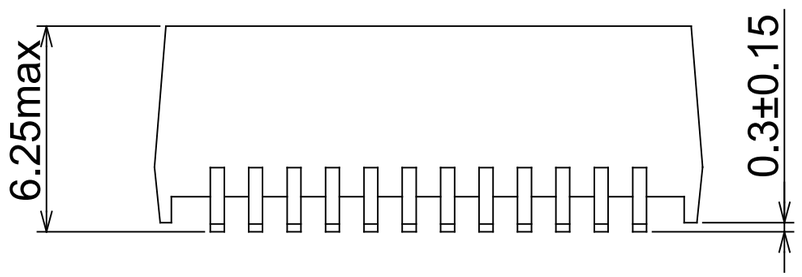
PRELIMINARY RELEASE
SUBJECT TO CHANGE

MECHANICAL

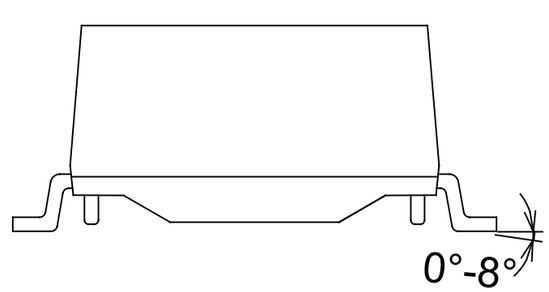




SUGGESTED PAD LAYOUT



24 SURFACES



Amphenol Taiwan RoHS2 Compliant 2011/65/EU & 2015/863/EU

TOLERANCE	APPROVALS	DATE	TITLE			
X. X.X ±0.38 X.XX ±0.25 0.XX ±0.05 ANGULAR ±2°	DRAWN DESIGNED Benly Han CHECKED Vivian Wen APPROVED Roger Tsai	05/26/2023 05/26/2023 05/26/2023	1000 BASE-T MODULE SMD TYPE	UNIT mm SCALE NA	SIZE A3 SHEET 1 OF 2	Amphenol ® Amphenol Corporation Amphenol Taiwan Corporation
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE RJMG			PART No. GMG224S1508R DWG No. GMG224S1508R	REV. AX1

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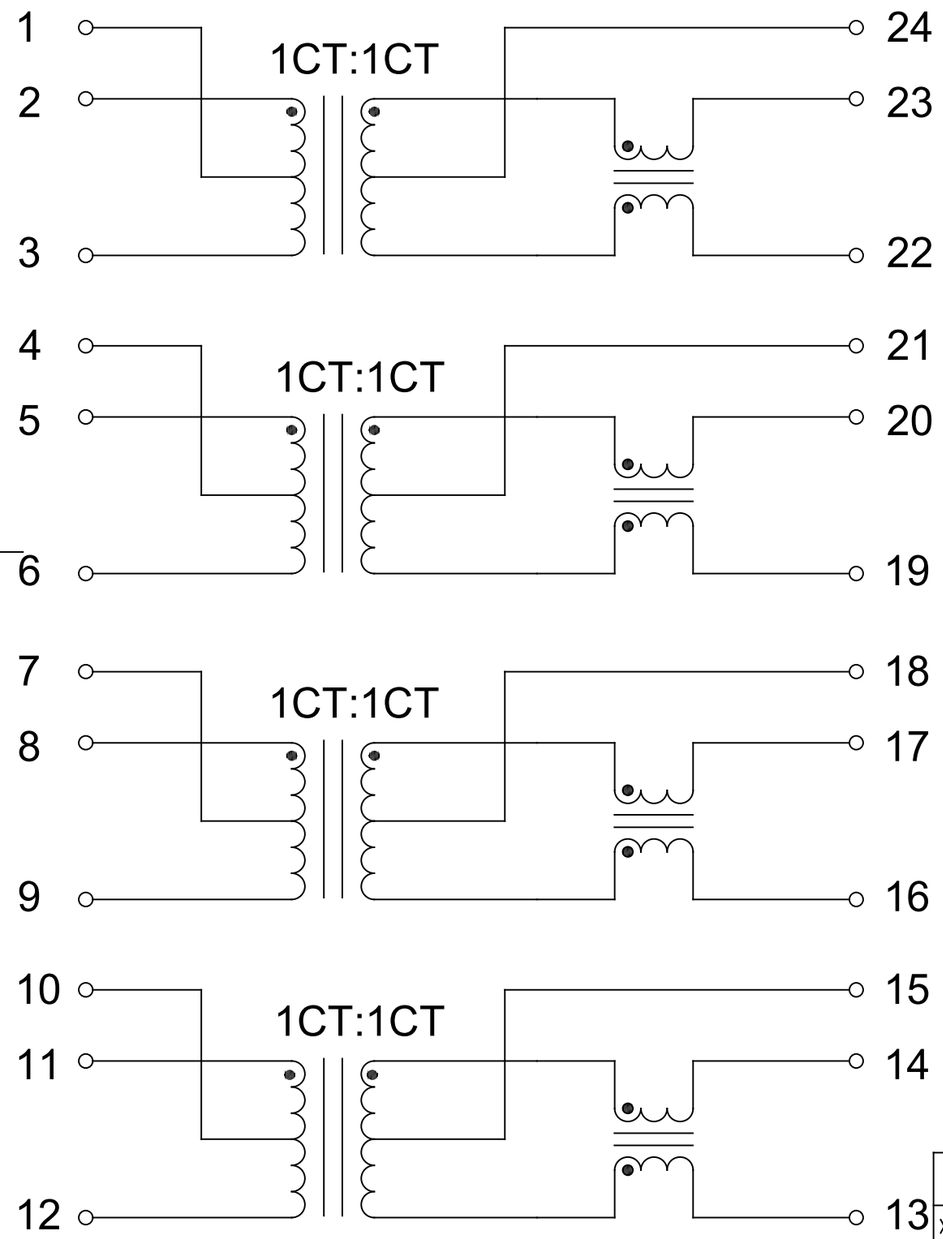
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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	-	NEW DRAWING	2023.05.26	Benly Han

PRELIMINARY RELEASE
SUBJECT TO CHANGE

Amphenol Taiwan RoHS2 Compliant 2011/65/EU & 2015/863/EU

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	-1.2dB MAX -3.0dB MAX	0.1 MHz 1-125 MHz
RETURN LOSS(LOAD 100Ω)	-16dB MIN. -10+20*log(f/80)dB MIN.	1-40 MHz 40-100 MHz
INDUCTANCE(OCL)(-40°C~+105°C)	350uH MIN.@100KHz 100mV ,8mA	
CROSS TALK	-50dB MIN. -55+22*log(f/10)dB MIN	1 MHz 10-100 MHz
COMMON MODE REJECTION RATIO	-50dB MIN. -15+20*log(f/200)dB MIN	2 MHz 30-200 MHz
HIPOT (ISOLATION)	1500 VRMS 1mA	60S

- AEC-Q200 Qualified.
- Designed To Meet IEEE802.3 & ANSI X3.263 Standards.
- Lead-Free&Designed To Meet RoHS Requirement.
- 1000Base-T,Surface Mount Type,Open Header.
- Operating temperature range: -40℃ to +105℃
- Storage temperature range: -50℃ to +125℃ .

TOLERANCE	APPROVALS	DATE
X. ±0.38 X.XX ±0.25 0.XX ±0.05 ANGULAR ±2°	DRAWN DESIGNED Benly Han	05/26/2023
	CHECKED Vivian Wen	05/26/2023
	APPROVED Roger Tsai	05/26/2023
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE RJMG

TITLE: 1000 BASE-T MODULE SMD TYPE

Amphenol ®
Amphenol Corporation
Amphenol Taiwan Corporation

UNIT	SIZE	PART No.	
mm	A3	GMG224S1508R	
SCALE NA	SHEET 2 OF 2	DWG No. GMG224S1508R	REV. AX1