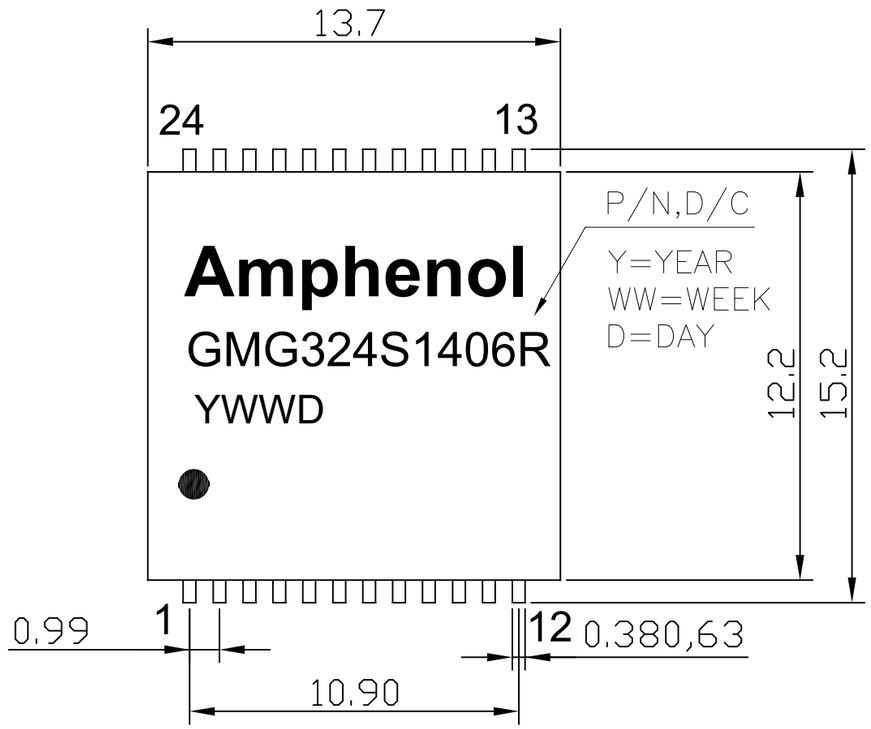
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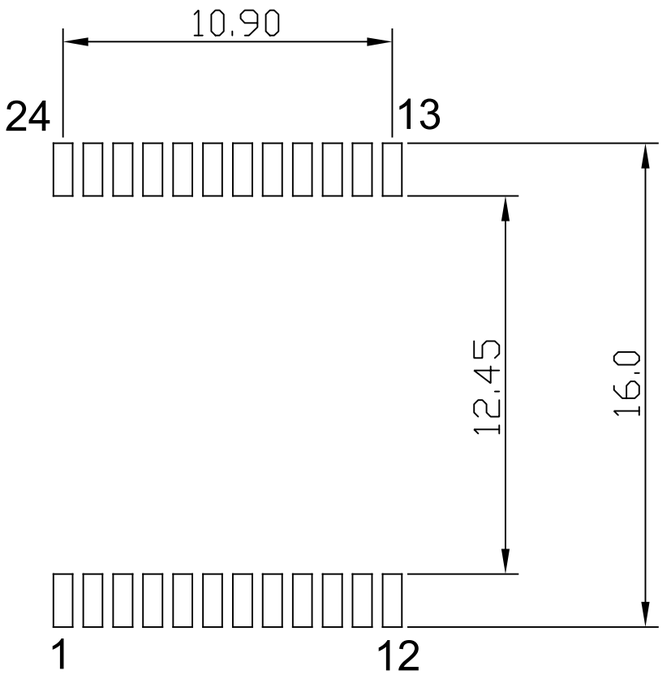
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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	-	NEW DRAWING	2023.05.26	Benly Han

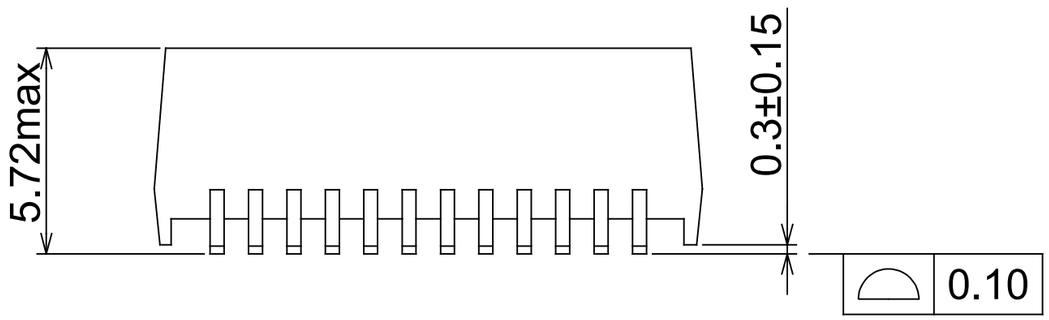
PRELIMINARY RELEASE
SUBJECT TO CHANGE

MECHANICAL

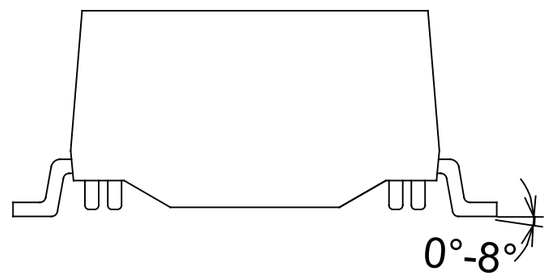




SUGGESTED PAD LAYOUT



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	10G BASE-T MODULE SMD TYPE	Amphenol ® Amphenol Corporation Amphenol Taiwan Corporation
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE RJMG	UNIT mm / SIZE A3 / SCALE NA / SHEET 1 OF 2	PART No. GMG324S1406R DWG No. GMG324S1406R / REV. AX1

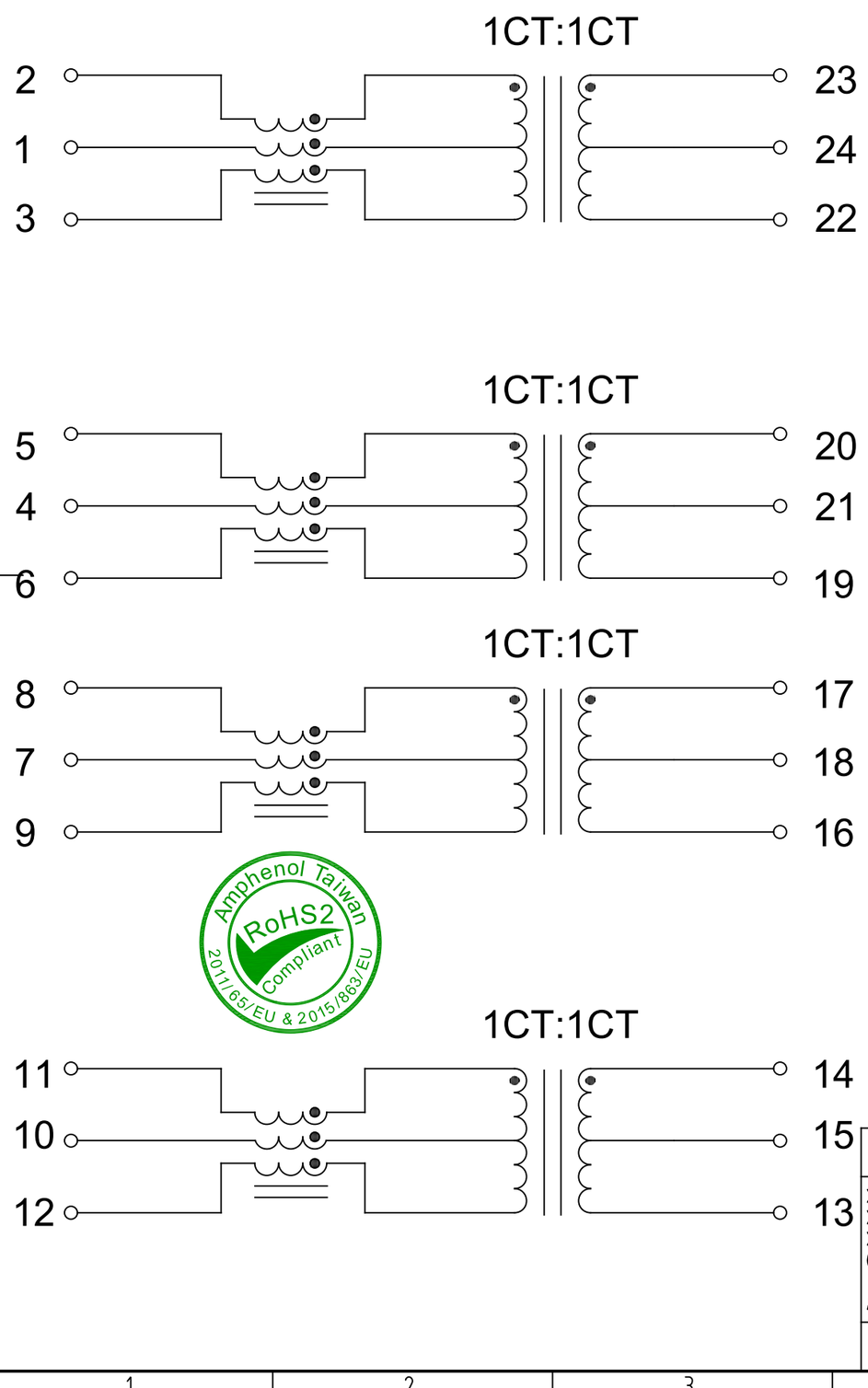
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REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	BY
AX1	-	NEW DRAWING	2023.05.26	Benly Han

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	-3.0dB MAX -2.0dB MAX -3.0dB MAX	0.1 MHz 1-400 MHz 500 MHz
RETURN LOSS(LOAD 100Ω)	-21dB MIN. -10+17*log(f/400)dB MIN.	1-100 MHz 100-500 MHz
CROSS TALK	-30dB MIN. -22dB MIN.	1-100 MHz 100-500 MHz
INDUCTANCE(OCL)	150uH MIN.@100KHz 100mV	
COMMON MODE REJECTION RATIO	-35dB MIN. -30dB MIN. -25dB MIN.	1-100 MHz 100-300 MHz 300-500 MHz
COMMON TO DIFFERENTIAL REJECTION RATIO	-30dB MIN. -22dB MIN.	1-250 MHz 250-500 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.
- 10GBase-T,Surface Mount Type,Open Header.
- Operating temperature range: -40℃ to +125℃
- Storage temperature range: -50℃ to +125℃ .

TOLERANCE	APPROVALS	DATE
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
UNLESS OTHERWISE SPECIFIED	DWG TYPE CUST DWG	PROJECT CODE RJMG

TITLE: 10G BASE-T MODULE SMD TYPE

Amphenol ®
Amphenol Corporation
Amphenol Taiwan Corporation

UNIT	SIZE	PART No.	
mm	A3	GMG324S1406R	
SCALE NA	SHEET 2 OF 2	DWG No. GMG324S1406R	REV. AX1