CUDEVICES

MODEL: CMS-26418N | **DESCRIPTION:** SPEAKER

FEATURES

- miniature speaker
- 520 Hz resonant frequency
- Nd-Fe-B magnet

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
input power	maximum power: IEC-60268-5, filter 60s on/120s off, 10 cycles at room temp		0.2	0.3	W
impedance	at 1.0 kHz, 1.0 V	6.8	8	9.2	Ω
resonant frequency (Fo)	at 1.0 V	416	520	624	Hz
frequency response	output SPL ±10 dB	Fo		6,500	Hz
sound pressure level	at 0.2 W, 0.1 m ave, at 1.0, 1.2, 1.5, 2.0 kHz at 1 W, 1 m ave, at 1.0, 1.2, 1.5, 2.0 kHz	89 76	92 79	95 82	dB dB
distortion	at 1.0 kHz, 0.2 W			10	%
buzz, rattle, etc.	must be normal at sine wave between Fo ~ 6,500 Hz		1.26		V
dimensions	Ø26.0 x 4.1				mm
magnet	Nd-Fe-B (Ø9.5 x 1.5 mm)				
material	metal				
cone material	Pet				
terminal	solder pads				
weight			4.8		g
operating temperature		-20		55	°C
storage temperature		-20		55	°C
RoHS	yes				

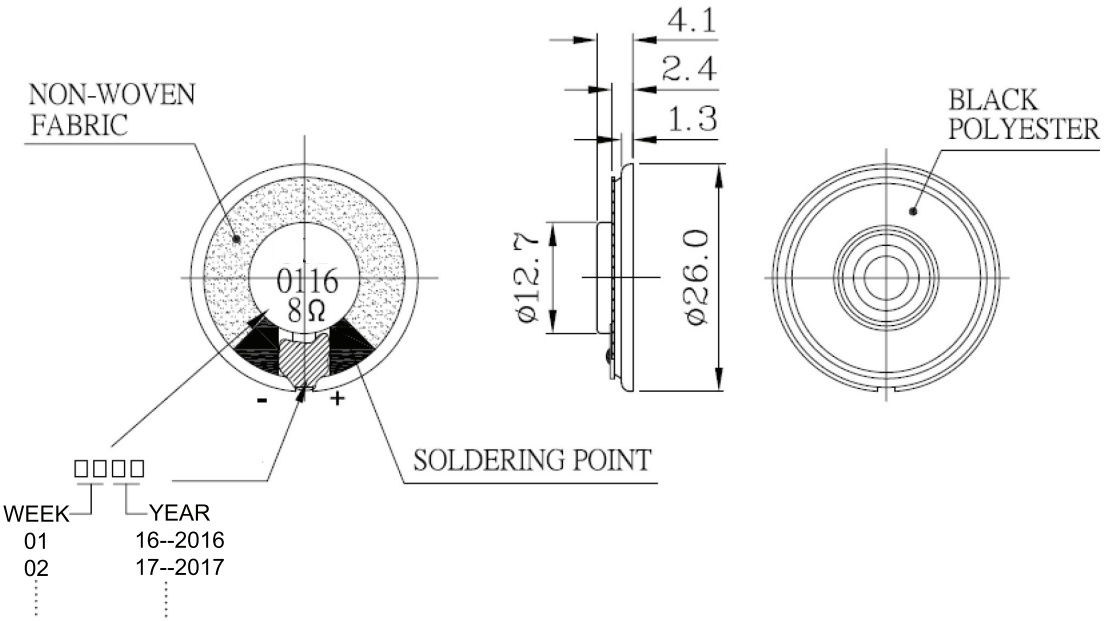
Notes: 1. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

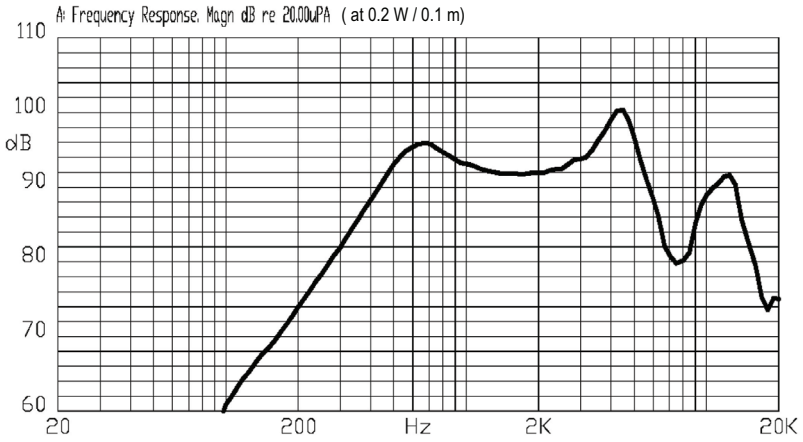
parameter	conditions/description	min	typ	max	units
hand soldering	for 3 ±1 seconds	360	370	380	°C

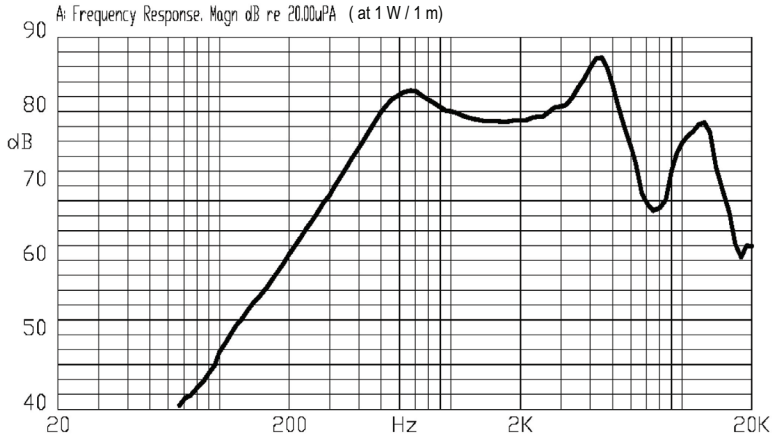
MECHANICAL DRAWING

units: mm
tolerance: ±0.3 mm



FREQUENCY RESPONSE CURVES

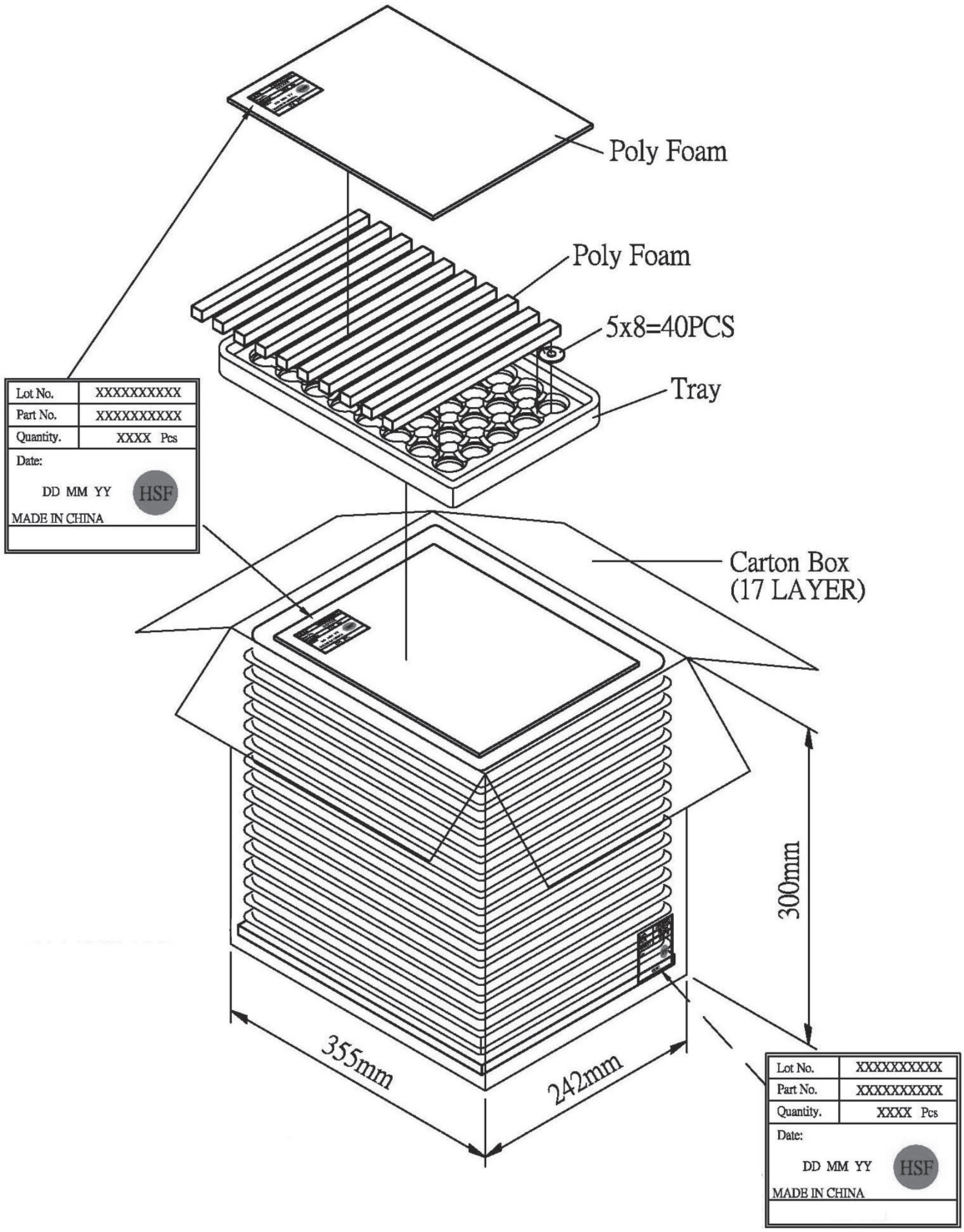




PACKAGING

units: mm

Tray Size: 350 x 235 x 25 mm
Carton Size: 355 x 242 x 300 mm
Tray QTY: 40 pcs per tray
Carton QTY: 680 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	06/24/2016
1.01	brand update	01/21/2020
1.02	logo, datasheet style update	08/05/2022

The revision history provided is for informational purposes only and is believed to be accurate.

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