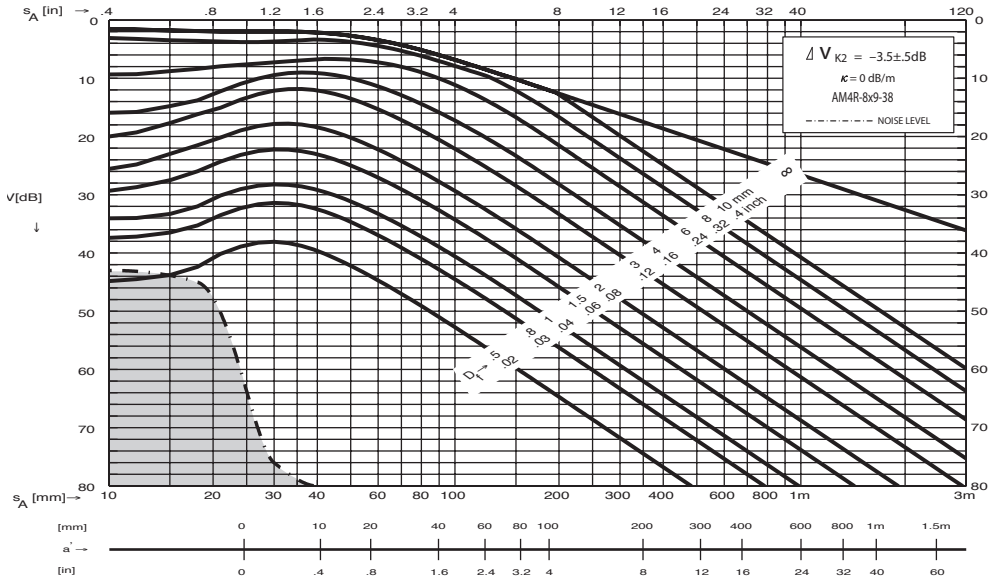
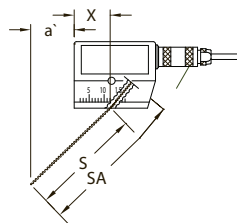


AM4R-8X9-38



PARAMETER parameter/paramètre	NOMINAL nennwert/nominal	UPPER (+) ober bereich/supérieure	LOWER (-) unterer bereich/inférieure	UNIT meßeinheit/unité
f_c^1, f_0^2	4.0	4.4	3.6	MHz
$BW^1, \Delta f_{rel}^2$	40	55	25	%
Z	75	100	50	Ω
Φ	60	80	40	°
N	30	34.5	26.5	mm
W_{a6}	1.2	1.3	1.1	mm
W_{b6}	1.3	1.4	1.2	mm
a	9.0	9.0	8.9	mm
a_{eff}	8.6	8.8	8.4	mm
b	8.0	8.0	7.9	mm
b_{eff}	7.6	7.8	7.4	mm
$\alpha_{(325m/s)}$	38	40	36	°
$\Delta\alpha/\Delta T$	0.5	0.6	0.4	°/10°C
$lv_{(2743m/s)}$	6.0	7.0	5.0	mm
δ	0	+1	-1	°
e	0	+1	-1	mm
x	12	14	10	mm
γ_{a6}	2.3	2.8	1.8	°
γ_{b6}	2.4	2.9	1.9	°
M	2	n/a	n/a	mm
T_r	-20/+60	n/a	n/a	°C
Waveform duration ¹ , Echo width ² , Echobreite ² , Largeur de l'écho ²				
-20dB	1.0	1.5	n/a	μs

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$$s_v = 5.1 \pm 1 \text{ mm}$$

$$s = s_A - s_v$$

s_v is the sound field equivalent of delay path length (lv)

s_v entspricht im Schallfeld der Länge der Vorlaufstrecke lv

s_v est l'équivalent du champ acoustique de la longueur de la ligne de retard