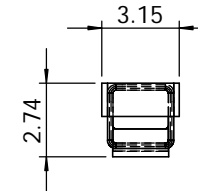
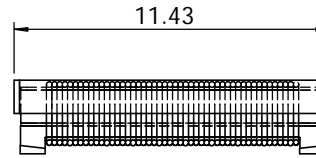
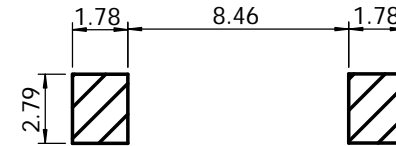
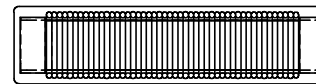


Part	L (mH)	Tol %	C (pF)	Q Min. (**kHz)	SRF Min. (kHz)	Reading Distance (cm)RD
TPM4308-411	0.41 @125 kHz	K	3900	15	>4500	38
TPM4308-491	0.49 @125 kHz	K	3300	15	>4000	39
TPM4308-601	0.60 @125 kHz	K	2700	15	>4000	41
TPM4308-731	0.73 @125 kHz	J	2200	15	>4000	42
TPM4308-901	0.90 @125 kHz	J	1800	15	>4000	43
TPM4308-102	1.08 @125 kHz	J	1500	15	>4000	45
TPM4308-192	1.97 @125 kHz	J	820	17	2400	59
TPM4308-242	2.38 @125 kHz	J	680	17	2200	65
TPM4308-342	3.44 @125 kHz	J	470	17	1800	71
TPM4308-412	4.15 @125 kHz	J	390	17	1700	74
TPM4308-492	4.91 @125 kHz	J	330	17	1300	75
TPM4308-602	6.00 @125 kHz	J	270	17	1100	75
TPM4308-712	7.10 @125 kHz	J	220	17	1000	70



#### SPECIFICATION

TYPE	= TPM4308
CONSTRUCTION	= WOUND TRANSPONDER COIL
TERIMAL COATING	= SILVER/GOLD FLASH
OPERATING TEMP.	= -40 TO +125 °C
STORAGE TEMP	= -55 TO +155 °C
INSULATION RESISTANCE	= 100MOhm. 100V TERMINAL-CORE
HUMIDITY EFFECTS	= L±5 @ 95%RH, 40 °C, 1HR Q ±5 @ 95%RH, 40 °C, 1HR
PACKAGING	= 3000PCS/REEL
MARKING	= 3 CHARACTERS, VALUE



#### NOTE

TOLERANCES G=2%; J=5%; K=10%.

\*\* = Operating and Test Frequency as specified in 'L' column

C = Capacitor for tuning circuits (125kHz) NB - the parallel input Cap. of the IC must also be taken into account

RD = 20mVp/p in a tuned circuit – Emitter Æ 194mm, L @ 734 mH, Vrms 73.3mV

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	DRAWN			
	CHECKED	WEB-SITE DATA SHEET	TITLE: <b>TPM4308 TRANSPONDER COIL</b>	
	ENG APPR.			
MATERIAL	--	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ONE PLACE DECIMAL +/-0.3 TWO PLACE DECIMAL +/-0.13 ANGLE +/-1 DEGREE		SIZE <b>A</b>
FINISH	--	DO NOT SCALE DRAWING		DWG. NO. TPM4308_AIC_WEB_220805 REV. <b>00</b>
		SCALE:1:1	REV '0' = PRELIMINARY DATA	SHEET 1 OF 1