

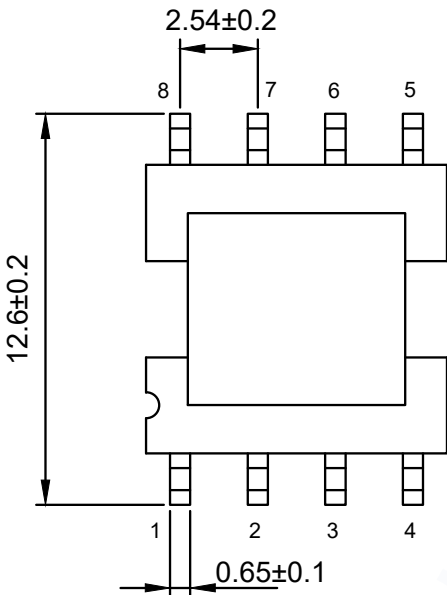
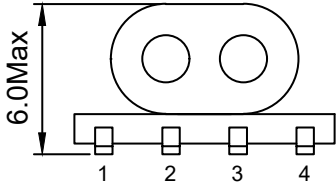
Coupled Transformer

EBS6420-G014920

2024-07-30 Rev. 0

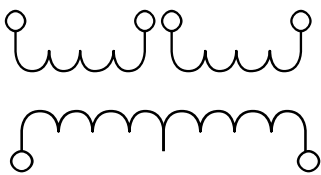


Mechanical Dimensions (in mm)



Electrical structure

Fig S



Features

- Small size
- Low profile
- Low insertion loss
- RoHS compliant

Technical data

- Double-aperture transformer
- Operating temperature: -40 °C to +85 °C
- Storage Temperature Range: -55 °C to +100 °C

Windngs

Winding	Wire	Star	Turns	End
6-7	2UEWF 0.2-R	6	4.0	7
5-8	2UEWF 0.4-Y	5	1.0	8
1-4	TEX-E 0.2-Y	1	3.0	4

Electrical Characteristics:TA=25°C

Property	Test Conditions	Typ	Units	Tolerance
Inductance Pin6-7	200KHz/1V	24.0	uH	±30%
Inductance Pin5-8		1.60	uH	±30%
Inductance Pin1-4		15.0	uH	±30%
DCR Pin6-7	@25°C	60.0	mΩ	Max
DCR Pin5-8		6.0	mΩ	Max
DCR Pin1-4		55.0	mΩ	Max
Turns Ratio (6-7:5-8:1-4)		4:1:3		