JMG40PM12P2S1

Trench FS IGBT

Features

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Product Summary

Parameter	Value	Unit
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Applications

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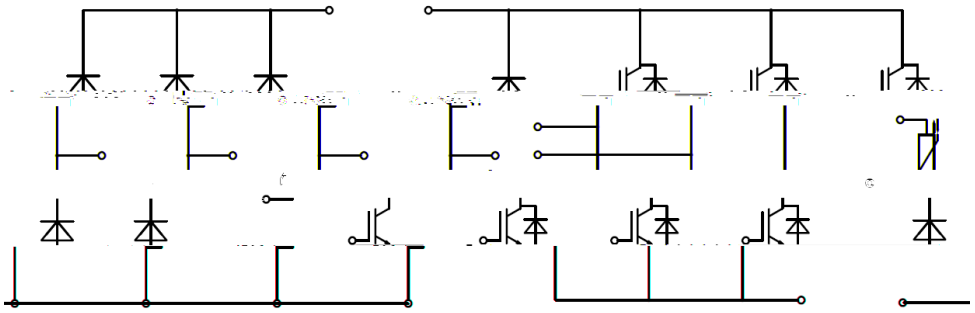

IGBT, Inverter Absolute Maximum Ratings ,

Parameter	Conditions	Symbol	Values	Unit
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IGBT, Inverter Electrical Characteristics ,

Parameter	Conditions		Symbol	Values			Unit
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	Conditions	Symbol	Values	Unit
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eter	Conditions	Symbol	Values			Unit
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hopper Absolute Maximum Ratings ,

eter	Conditions	Symbol	Values	Unit
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IGBT, Brake-Chopper Electrical Characteristics ,

Parameter	Conditions		Symbol	Values			Unit
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FRED, Brake-Chopper Absolute Maximum Ratings ,

Parameter	Conditions	Symbol	Values	Unit
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NTC-Thermistor Characteristics ,

Parameter	Conditions	Symbol	Values			Unit
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Module Characteristics

Parameter	Conditions	Symbol	Values			Unit
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Ordering Information

Device	Marking	Package	Weight	Inner Box	Per Carton
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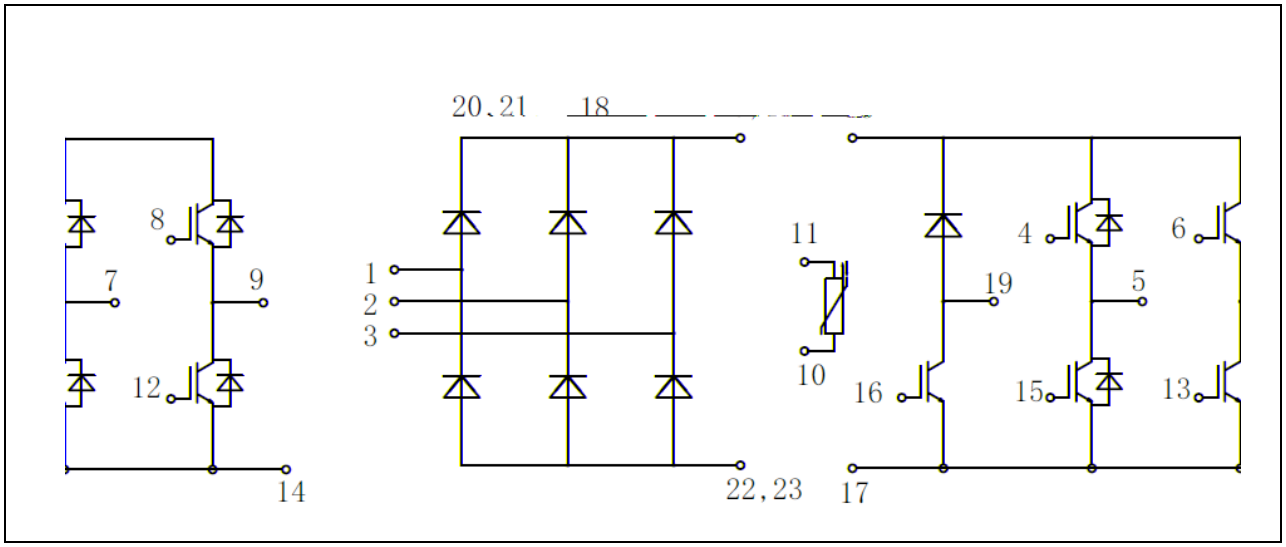
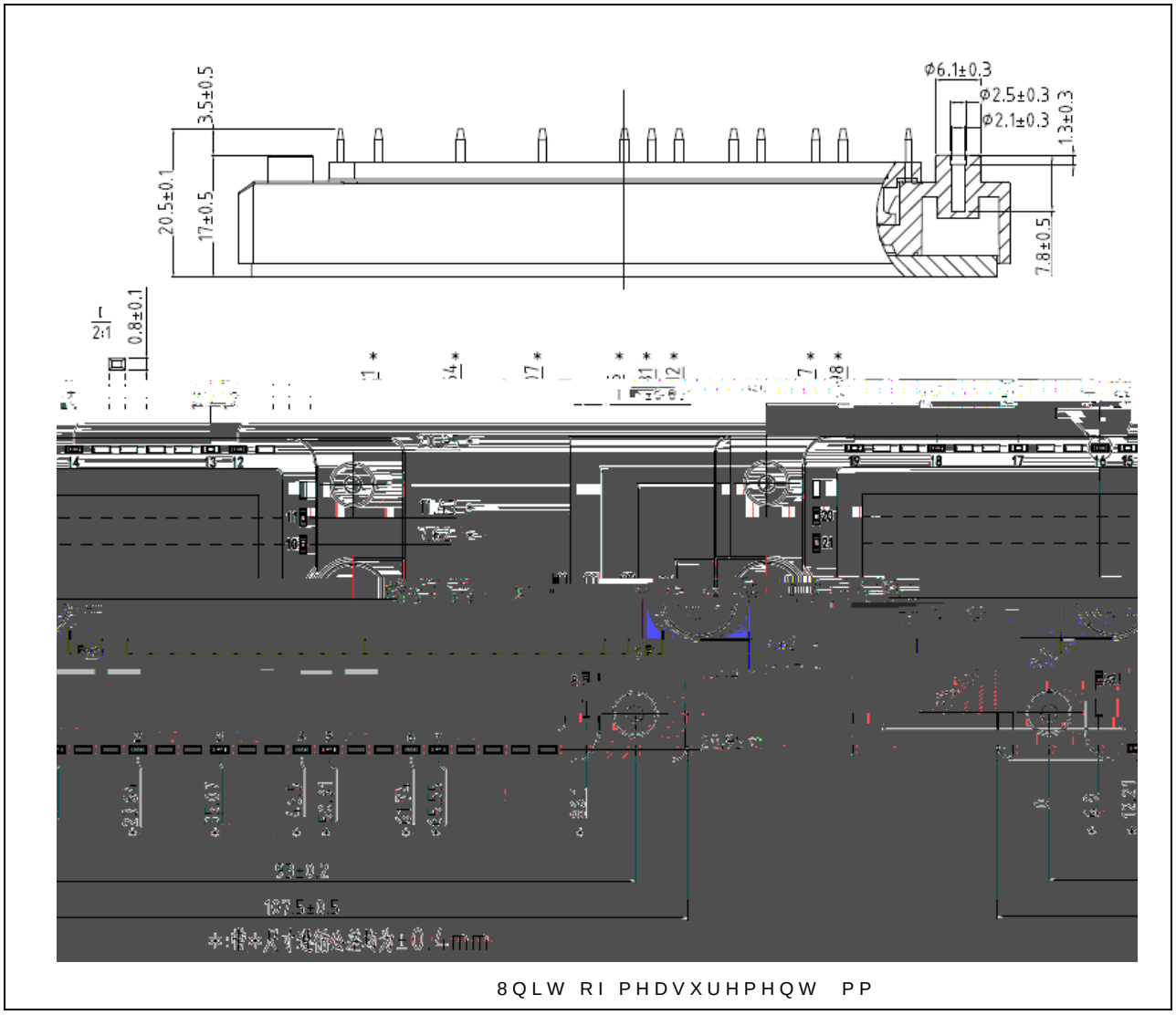
Circuit Diagram

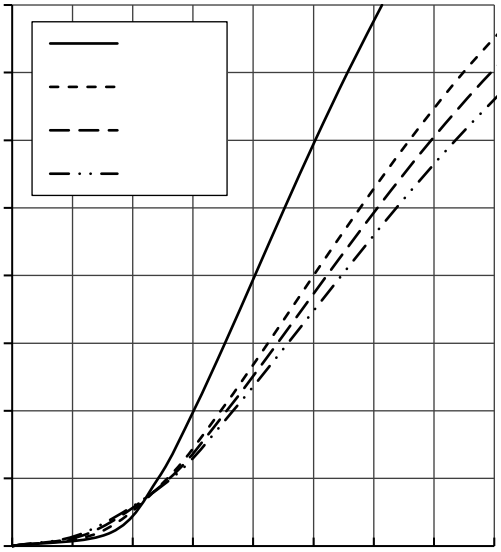


Package Outlines (mm)



Typical Electrical & Thermal Characteristics

)LJ ,*%7 2XWSXW &KDUDFWH
,QYHUWHUFDO 9



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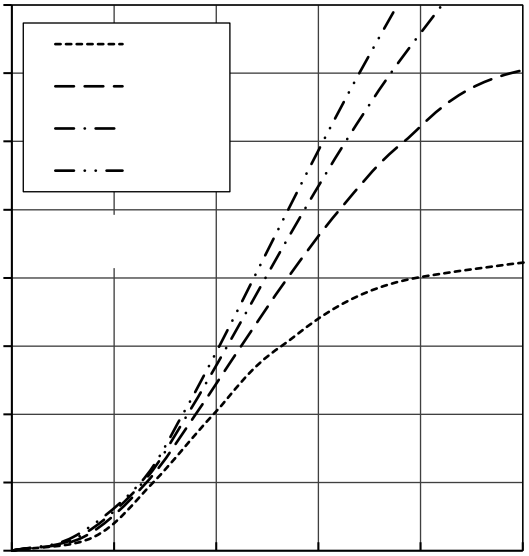
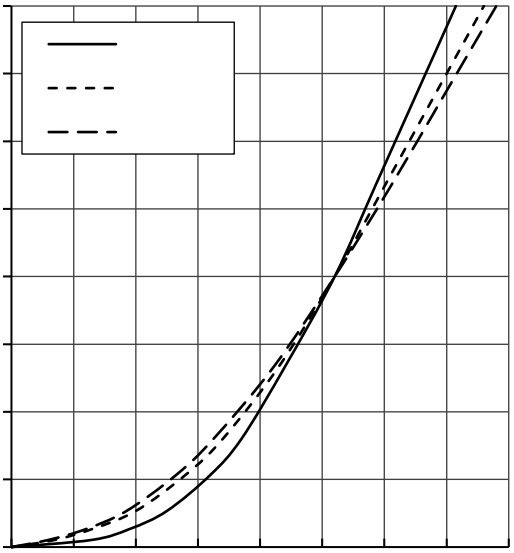
,QYHUWHUFDO



)LJ ,*%7 7UDQVIHU &KDUDFWH
,QYHUWHUFDO 9



)LJ ,*%7 6ZLWFKLQJ /RVV Y
,QYHUWHUFDO
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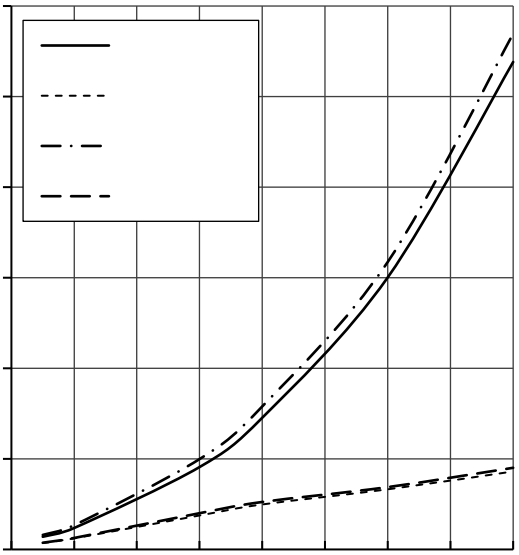

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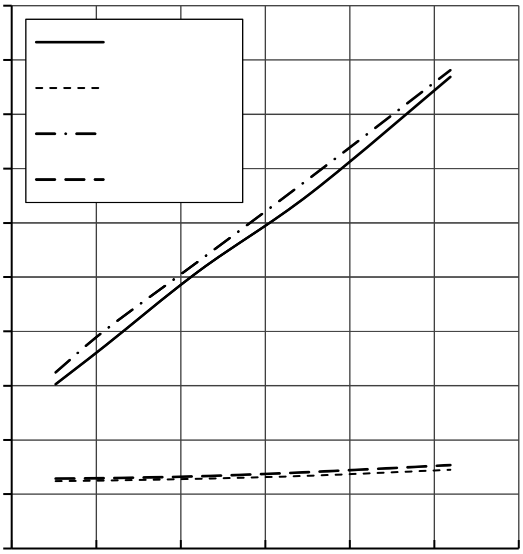

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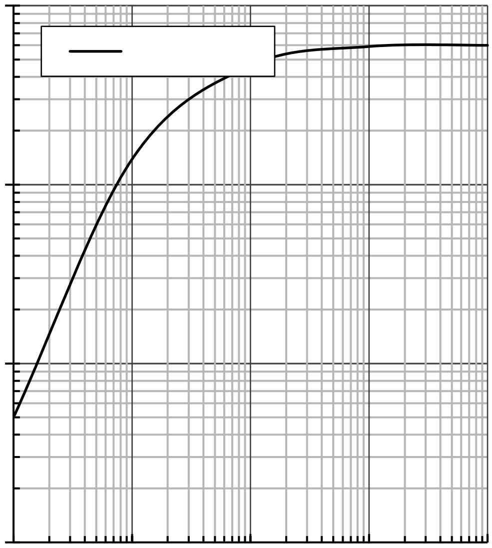
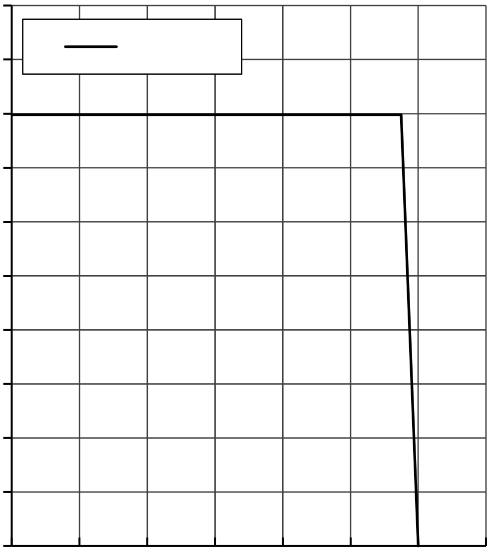
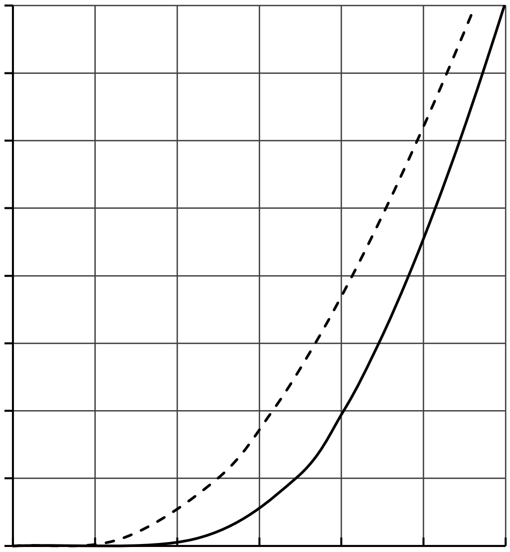
,QYHUWHU



)LJ 5HYHUVH ELDV VDIH RSH
,*%7 ,QYHUWHU 5%62$



)LJ)5(')RUZDUG &KDUDFWHU
,QYHUWHU WLVWRU



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,QYHUWHU &XUUHQW
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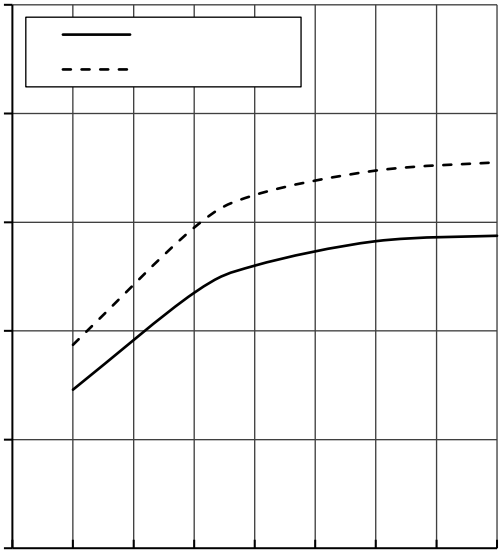

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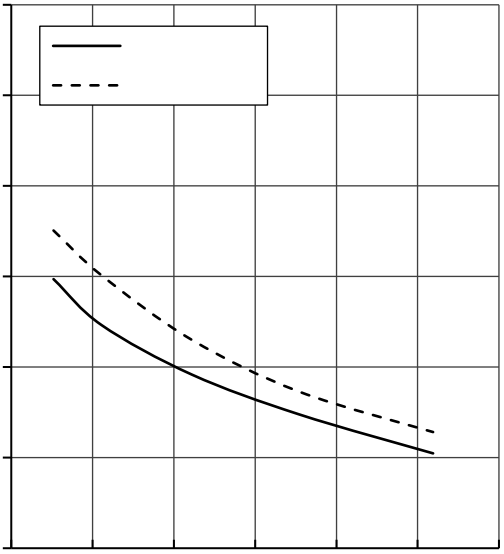
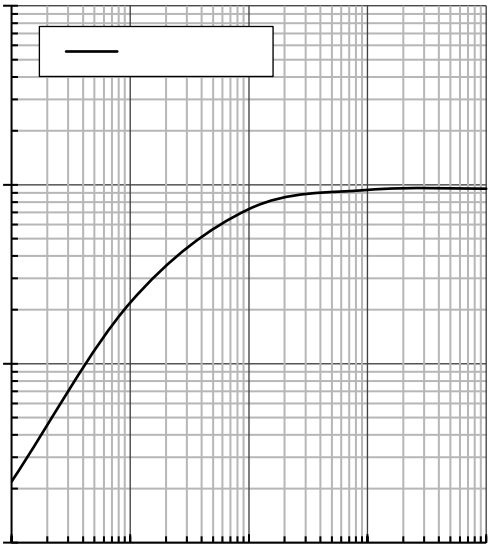
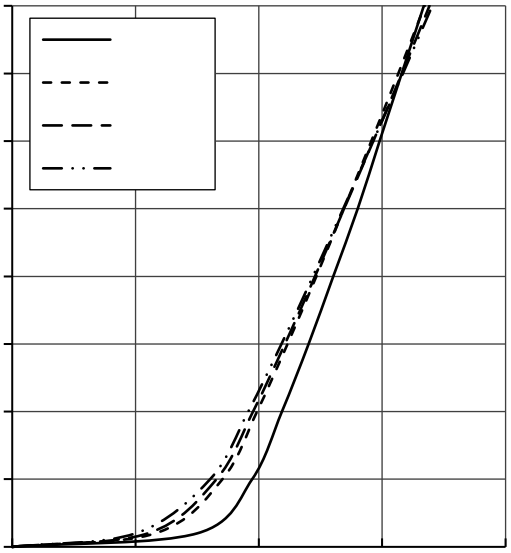


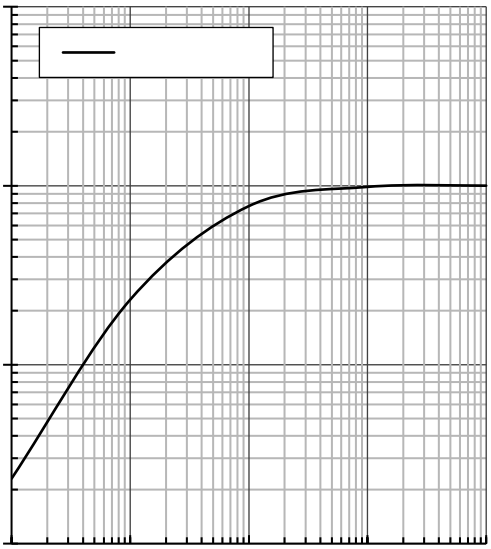
)LJ)5(' 7UDQVLHQW 7KHUPDO
,QYHUWHU



)LJ 'LRGH &XUUHQW &DSDFLW\



)LJ 'LRGH 5HFWLILHU 7UDQVLHQ'



)LJ ,*%7 2XWSXW &KDUDFW
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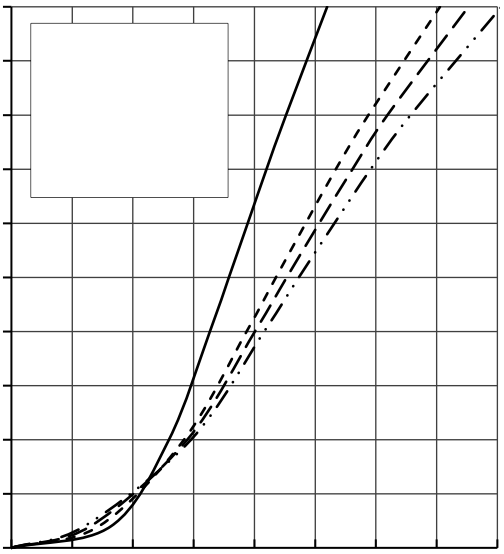

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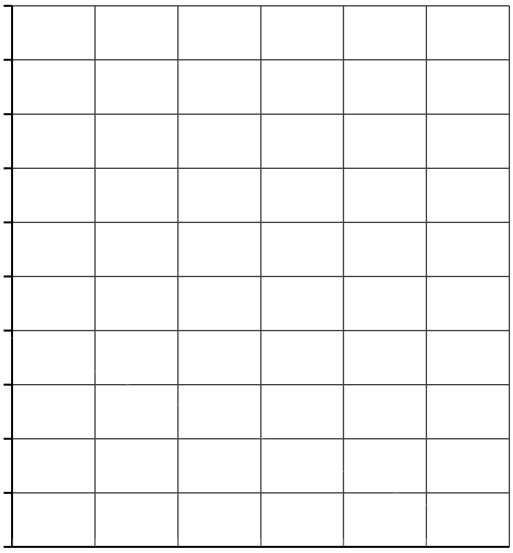

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