

Miniature Reflective Object Sensor

QRE1113, QRE1113GR,
QRE1114GR

Features

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MAXIMUM RATINGS

Symbol	Parameter	Value	Unit
		-	°
		-	°
-			°
-			°

EMITTER

QRE1113, QRE1113GR, QRE1114GR

ELECTRICAL/OPTICAL CHARACTERISTICS

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
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INPUT DIODE

Symbol	Parameter	Conditions	Min	Typ	Max	Unit

QRE1113, QRE1113GR, QRE1114GR



Figure 6. Forward Current vs. Forward Voltage

Figure 8. Forward Voltage vs. Ambient Temperature

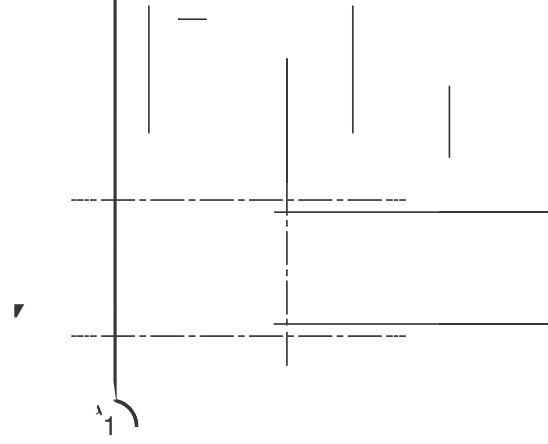
Figure 9. Radiation Diagram

QRE1113, QRE1113GR, QRE1114GR

Precautionary Notes

REFLECTIVE RECTANGULAR THROUGH HOLE
CASE 100AQ
ISSUE 0

DATE 30 SEP 2016



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Notes:

1. Dimensions for all drawings ar

0.001

ARUSM-313 / REFLECTIVE RECTANGULAR SURFACE MOUNT
CASE 100CY
ISSUE O

(0.3358) FL DATE 31 JAN 2017

NOTE

1.00

0.94

.20

0.94

1.6

0.40

1.70 0.17
1.50 0.07

1.10
0.0

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