

- For color TV receivers.
- Diffused-junction.
- Excellent high temperature output characteristics
(Small leakage current at high temperature
and excellent reverse characteristics)

Unit in mm(inch)

28MIN.
(1.101)

10
(0.393)

28MIN.
(1.101)

$\phi 3$
(0.118)

$\phi 0.6$
(0.024)

Lot mark (White)

Symbol band (White)

Cathode band (Blue)

Direction of polarity

Weight: 0.32 (g)

Item	Type		DHM3C140
Repetitive Peak Reverse Voltage*	V_{RRM}	kV	14
Non-Repetitive Peak Reverse Voltage*	V_{RSM}	kV	17
Average Forward Current	$I_{F(AV)}$	mA	3 (15.75kHz C-Load)
Surge(Non-Repetitive) Forward Current	I_{FSM}	A	0.5
Operating Junction Temperature	T_j	°C	-40 ~ +120
Storage Temperature	T_{stg}	°C	-40 ~ +120

Item	Symbols	Units	Min.	Typ.	Max.	Test Conditions
Peak Reverse Current*	I_{RRM}	μA	—	—	2.0	$V_R = V_{RRM}$
Peak Forward Voltage	V_{FM}	V	—	—	45	$I_{FM} = 5mA_p$
Reverse Recovery Time	t_{rr}	ns	—	—	100	$I_F = 2mA, I_{RP} = 5mA,$ 1mA recovery

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HITACHI POWER SEMICONDUCTORS

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