

T7316E + T24 KIM TECHNICAL SPECIFICATIONS

Weights and dimensions:

T7316E: 1.06 Kg

T24 KIM: .30 Kg

T7316E: (L)20.6cm x (W)26.2cm x (H)8.8cm

T24 KIM: (L)19.6cm x (W)9cm x (H)8.5cm

Environmental specifications:

Operating temperature:

- 5oC to +50oC (IEC 68-2-1, Test Ad -Low , IEC 68-2-2, Test Bd - High)

Storage temperature:

- 55oC to +70oC (IEC 68-2-1- Test Ab -Low), IEC 68-2-2 Test Bb -High)

Operating humidity:

+ 40 oC @ 90-95% RH (IEC 68-2-3-, Test Ca) - 10 Days Duration

Storage humidity:

+ 40 oC @ 90-95% RH (IEC 68-2-3-, Test Ca) - 10 Days Duration

Thermal shock:

+ 25oC to -50oC Dwell = 3 Hours at each extreme, drop time = 15 mins.

-50oC to +70oC Dwell = 3 Hours at each extreme, rise time = 24 mins.

+70oC to +25oC Dwell = 3 Hours at each extreme, Drop time = 9 mins.

(IEC 68-2-14 Test Nb, 2 Cycles)

Damp heat cycle:

+ 25 oC to + 40 oC - Rise time is 3 hr's @ 95% RH , dwell is 9 hours @ 90% RH

+ 40 oC to + 25 oC - Fall time is 3 Hours @ 80% RH, Dwell Time is 9 Hours @ 95% RH

(IEC 68-2-30, Test Db, 2 cycles)

Dynamic:

Transportation (packaged) vibrations: GR-63-CORE , Section 5.4.3

Operational (unpackaged) vibration: GR-63-CORE, Section 5.4.2.

Transportation bounce: IEC 68-2-55, Method A

Mechanical handling (Drop-Packaged): GR-63-CORE, Section 5.3.1

Mechanical handling (Drop-Unpackaged): GR-63-CORE, Section 4.3.1.1 (Category A Container)

Mechanical shock: IEC 68-2-27 Ea

Electromagnetic Emissions Summary

FCC Part 15, Sub Part B, Class B

EN 55022:1998 CISPR 22:1997, Class B

AS/NZS 3548, Class B

Electromagnetic Immunity Summary (all of these tests are called up under EN 55024:1998)

ESD: EN61000-4-2

Electrical fast transient: EN61000-4-4

Radiated susceptibility: EN61000-4-3

Conducted susceptibility: EN61000-4-6

Safety Agency Approvals

CSA-C22.2 No.60950

ANSI/UL 60950

EN60950

ACA-TS001/AS3260

Network Protection Approvals

FCC Part 68/CS03

Issue 8 ACA-TS004-1997

Environmental specifications:

Operating temperature: 0 to +50(Cent)/32 to 122 (Far)
Storage temperature: -50 to+70 (Cent)/-58 to 158 (Far)
Operating humidity: 90-95% RH @ 40 (Cent)/104 (Far)
Storage humidity: 90-95% RH @ 40 (Cent)/104 (Far)
Thermal shock: -50 to+70 (Cent)/-58 to 158 (Far)
Damp heat cycle: 23 (Cent) @ 50% RH/73 (Far)
Damp heat cycle: 66 (Cent) @ 15% RH/151 (Far)
Damp heat cycle: 32 (Cent) @ 90% RH/90 (Far)
Damp heat cycle: -40 (Cent) @ 40% RH/-40 (Far)

Dynamic:

Transportation vibrations: GR-63-Core
Transportation bounce: IEC 68-2-55
Mechanical handling: NSTA pre-shipment/IEC 68-2-32Ed
Operational vibration: IEC 68-2-6 Fc
Mechanical shock: IEC 68-2-27 Ea

Electromagnetic Emissions Summary

FCC Part 15, Sub Part B, Class B
CISPR 22, Class B
AS/NZS 3548, Class B

Electromagnetic Immunity Summary

ESD: EN61000-4-2
Electrical fast transient: EN61000-4-4
Radiated susceptibility: EN61000-4-3, TAD 8465
Radiated susceptibility: EN50204/EN50082-1/EN55024
Conducted susceptibility: EN61000-4-6, TIA 631

Safety Agency Approvals

CSA-C22.2 No.950
CSA-22.2 No. 225
ANSI/UL No. 1459
EN60950
ACA-TS001/AS3260

Network Protection Approvals

FCC Part 68/CS03 Issue 8
ACA-TS004-1997
ACA-TS006-1997