SIM CARD DATASHEET

DCT
ACTIONABLE TELEMATICS

m2m cloudconnect
2G/3G/4G GLOBAL NETWORK

Data & SMS only SIM Cards

M2M CloudConnect is the data connectivity division from Digital Communications Technologies LLC created to empower devices with 2G/3G/4G global data services around the globe. Partnering with Tier One wireless cellular and satellite communications companies, we focus in providing a fast, easy, and reliable IoT solution to tracking service providers.

Multiple operators can be managed either manually with the **Super SIM Card** or automatically with the **Wireless SIM Card**.

NAME	TYPE	FORM FACTOR	MULTIPLE OPERATORS	ICCD ID	ORDERING CODES
Wireless SIM Card	Plug 85	2FF/3FF/4FF - Triple Punch	Automatically selected	8901...	7000-4
Wireless SIM Card	Industrial Plug 105	2FF	Automatically selected	8901...	7000-5
Super SIM Card	Industrial Plug 105	2FF	User manually selected	8988...	7000-6
Super SIM Card	Plug 85	2FF/3FF/4FF - Triple Punch	User manually selected	8988...	7000-7

SIMCARDS FORM FACTOR

2FF - Mini SIM
Height: 25mm
Width: 15mm
Thickness: 0.76mm
Triple punch

3FF - Micro SIM
Height: 15mm
Width: 12mm
Thickness: 0.76mm
Triple punch

4FF - Nano SIM
Height: 12.3mm
Width: 8.8mm
Thickness: 0.67mm

MFF2 - Embedded SIM (eSIM)
Height: 6mm
Width: 5mm
Thickness: 0.67mm

**2FF/3FF/4FF
Triple Punch
Plug 85**

SIM CARD TYPES

Industrial Plug 105
- Standard SIM card format, made with a more robust material
- Resistant to harsh environments
- Suitable for environments up to 105°C
- Industrial grade - industrial qualification (JEDEC)

Plug 85
- Standard SIM card format
- Ideal for environments up to 85°C
- Industrial grade - industrial qualification (JEDEC)

FEATURES & APPLICATIONS

Multiple Carriers: A wide range of local cellular companies to enhanced network coverage

Global Coverage: Empower your devices all around the world

One Managed SIM: Flexible connectivity management, administration and provisioning. Custom alerts, notifications and reports

Super SIM: Choose from hundreds of 2G, 3G, LTE, and IoT-only networks and control which your devices connect to

Embed SIM operations into your existing workflows with reliable APIs

PHYSICAL

Electrical characteristics and communication protocol	ETSI TS 102.221
Supply Voltages	Class A (5V), B (3V), and C (1.8V)66
Communication protocol	T=0
PPS procedure (support of speed enhancement)	
Default speed: PPS 96, F=512, D=32 (223200 bauds at 3.57 MHz)	
Max. speed: PPS 97, F=512, D=64 (446400 bauds at 3.57 MHz)	
Operating temperatures	
Plug 85	85°C
Industrial Plug 105	105°C