

Transponder ON METAL  
DISC TAG

PART ID:  
**2006-05-263-00**

On-Metal DISC Tag, with a 4.5mm hole in the center, can be screwed on metal surface. Its robust housing is also designed for applications in harsh environment.

Main Specifications

|                       |                                                                            |
|-----------------------|----------------------------------------------------------------------------|
| Material              | Polyamid                                                                   |
| Operating Temperature | -40°C to 85°C                                                              |
| IP Class              | IP68                                                                       |
| Compliance            | RoHs & Reach, CE                                                           |
| Key Features          | Rough Environment, Heat Tolerant, Versatile, High Durability, ON-Metal Use |
| Options               | Adhesive, Laser Engraving, Pad Printing, Color                             |



Chip Specification (Chip 263)

|           |                           |
|-----------|---------------------------|
| Chip      | NXP - NTAG213             |
| Frequency | 13.56 MHz ( HF )          |
| Memory    | UID 7 Byte; User 144 Byte |
| Norm      | ISO/IEC 14443A & 18000-3  |

Full Specifications

|                   |                                                                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product ID        | 2006                                                                                                                                                            |
| On Metal Use      | yes                                                                                                                                                             |
| PEAK Performance  | yes                                                                                                                                                             |
| Material          | Polyamid                                                                                                                                                        |
| Shape             | Overmolded                                                                                                                                                      |
| Short Description | On-Metal DISC Tag, with a 4.5mm hole in the center, can be screwed on metal surface. Its robust housing is also designed for applications in harsh environment. |
| Long Description  | On-Metal DISC Tag, with a 4.5mm hole in the center, can be screwed on metal surface. Its robust housing is also designed for applications in harsh environment. |
| Key Features      | Rough Environment, Heat Tolerant, Versatile, High Durability, ON-Metal Use                                                                                      |
| Options           | Adhesive, Laser Engraving, Pad Printing, Color                                                                                                                  |
| Comments          | Hole 4.5 mm                                                                                                                                                     |
| Article Type      | DISC TAG                                                                                                                                                        |

®TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.

|                         |                  |
|-------------------------|------------------|
| Diameter [mm]           | 34               |
| Thickness [mm]          | 6                |
| Weight [g]              | 7                |
| Hole                    | yes              |
| Operating Temp °C (min) | -40              |
| Operating Temp °C (max) | 85               |
| Storage Temp °C (min)   | -40              |
| Storage Temp °C (max)   | 100              |
| Peak Temp I / °C        | 200              |
| Peak TIME I [h]         | 30               |
| IP Class                | IP68             |
| Chemical Resistance     | Not Specified    |
| Flame Resistance        | Not Specified    |
| Mechanical Resistance   | Not Specified    |
| Attachment Method       | Screw/Rivet      |
| Compliance              | RoHs & Reach, CE |

## VARIANTS AND ICS

| ID             | Variant        | Band | Type          | ISO                         |
|----------------|----------------|------|---------------|-----------------------------|
| 2006-01-152-00 | D34x6mm,black  | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 2006-01-260-00 | D34x6mm,black  | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3     |
| 2006-01-263-00 | D34x6mm,black  | HF   | NTAG213       | ISO/IEC 14443A & 18000-3    |
| 2006-01-266-00 | D34x6mm,black  | HF   | NTAG216       | ISO/IEC 14443A & 18000-3    |
| 2006-01-362-00 | D34x6mm,black  | UHF  | Monza 4QT     | ISO 18000-6C / EPC Gen2 V2  |
| 2006-02-152-00 | D34x6mm,yellow | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 2006-02-260-00 | D34x6mm,yellow | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3     |
| 2006-02-263-00 | D34x6mm,yellow | HF   | NTAG213       | ISO/IEC 14443A & 18000-3    |
| 2006-02-266-00 | D34x6mm,yellow | HF   | NTAG216       | ISO/IEC 14443A & 18000-3    |
| 2006-02-362-00 | D34x6mm,yellow | UHF  | Monza 4QT     | ISO 18000-6C / EPC Gen2 V2  |
| 2006-02-262-00 | D34x6mm,yellow | HF   | ICODE SLIX-S  | ISO/IEC 15693 & 18000-3     |
| 2006-03-152-00 | D34x6mm,blue   | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 2006-03-260-00 | D34x6mm,blue   | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3     |
| 2006-03-263-00 | D34x6mm,blue   | HF   | NTAG213       | ISO/IEC 14443A & 18000-3    |
| 2006-03-266-00 | D34x6mm,blue   | HF   | NTAG216       | ISO/IEC 14443A & 18000-3    |
| 2006-03-362-00 | D34x6mm,blue   | UHF  | Monza 4QT     | ISO 18000-6C / EPC Gen2 V2  |
| 2006-04-152-00 | D34x6mm,green  | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 2006-04-260-00 | D34x6mm,green  | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3     |
| 2006-04-263-00 | D34x6mm,green  | HF   | NTAG213       | ISO/IEC 14443A & 18000-3    |
| 2006-04-266-00 | D34x6mm,green  | HF   | NTAG216       | ISO/IEC 14443A & 18000-3    |
| 2006-04-362-00 | D34x6mm,green  | UHF  | Monza 4QT     | ISO 18000-6C / EPC Gen2 V2  |
| 2006-05-152-00 | D34x6mm,red    | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 2006-05-260-00 | D34x6mm,red    | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3     |
| 2006-05-263-00 | D34x6mm,red    | HF   | NTAG213       | ISO/IEC 14443A & 18000-3    |
| 2006-05-266-00 | D34x6mm,red    | HF   | NTAG216       | ISO/IEC 14443A & 18000-3    |

| ID             | Variant     | Band | Type      | ISO                        |
|----------------|-------------|------|-----------|----------------------------|
| 2006-05-362-00 | D34x6mm,red | UHF  | Monza 4QT | ISO 18000-6C / EPC Gen2 V2 |

°TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.