



The PSM-2 Multi Technology Proximity Card from Farpointe Data is a member of the *Pyramid Series* Proximity line of OEM proximity readers, cards and tags for access control, and may be used with all the Pyramid Series readers. Conforming to the ISO 7811 standard with a thickness of just 0.031 inch (0.8 mm), it allows the user to combine several identification technologies in a single card.

The PSM-2 is based upon proven passive radio frequency identification technology (RFID) and is manufactured of white glossy PVC. Physical size is a nominal 3.4 x 2.2 x 0.031 inches (86x55x0.8 mm). It can be printed on its front- and back-side via dye sublimation, and may incorporate images, text, bar codes, a magnetic stripe, or smart card module technologies. Included standard are vertical and horizontal slot punch indicators. The PSM-2 may be sequentially coded in either a standard 26-Bit Wiegand, custom Wiegand or magnetic stripe data format, all with exact number sequences. As a cross-reference the PSM-2's internal ID number is permanently marked on its back.

The Pyramid Series line includes a comprehensive selection of proximity access cards and tags that may be used interchangeably with any of the Pyramid Series readers, or one another. Cards and tags in the line include the PSC-1 Standard Light Proximity Card, the PSI-4 Image Technology Proximity Card, the PSM-2 Multi-Technology Proximity Card, and the PSK-3 Proximity Key Ring Tag.

- Proximity RFID technology. » No direct physical contact required between card and reader.
- Passive operation. » No batteries required.
- Wiegand and magnetic stripe data formats. » Compatible with all standard access systems.
- ISO Thickness. » Conforms to ISO standard 7811 for identification cards.
- Supports images, text, bar codes, magnetic stripes, smart cards, and more. » A true multi-application card.
- Exact coding as ordered, with no under-or over-runs. » Straightforward enrollment for standard access systems.
- www.FarpointeData.com. » For the latest on your INTELLIGENT proximity alternative™.



**PYRAMID SERIES
PROXIMITY**

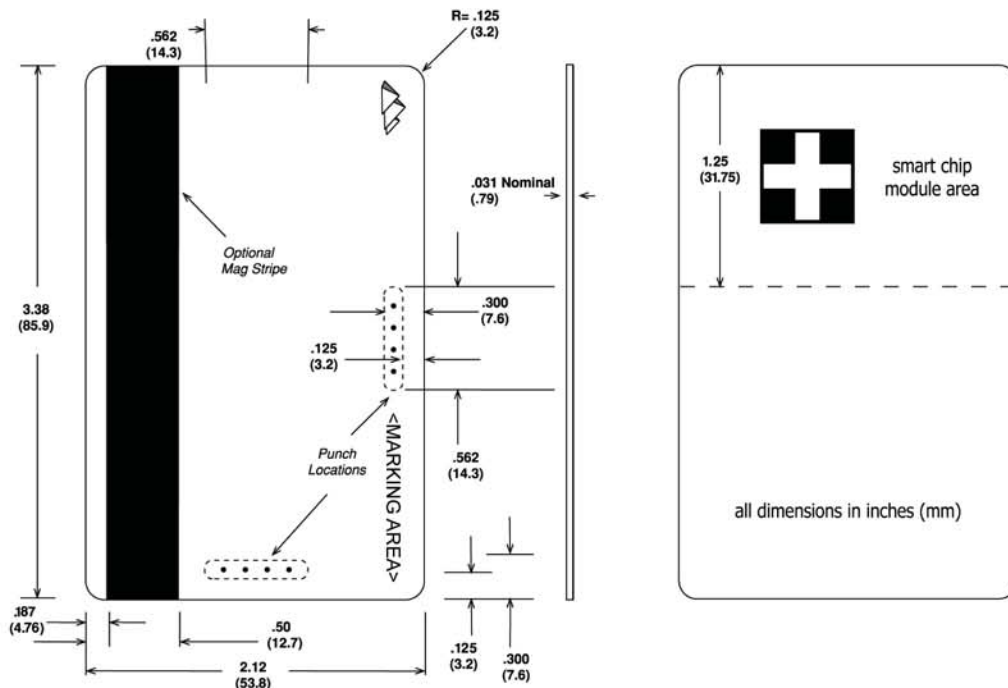
PSM-2 Multi Technology Proximity Card

Data Sheet

Pyramid Series Proximity™

Models:	PSM-2P - No magnetic stripe PSM-2S - Includes 2750 Oe HiCo magnetic stripe	
Read Range ^a:	P-300 - Up to 3 inches (76 mm) P-400 - Up to 1 inch (25 mm) P-500 - Up to 4 inches (102 mm)	P-600 - Up to 3 inches (76 mm) P-700 - Up to 10 inches (254 mm)
Size: Nominal 3.38 x 2.12 x 0.031 inches (85.9 x 53.8 x 0.79 mm)	Weight: 0.19 oz. (5.5 g)	
Operation: Passive (no battery)	Frequency: 125 KHz excitation	
Humidity: 0-95% non-condensing	Operating Temperature: -40° C to +65° C	
Material: PVC	Color: Glossy White	
Slot Punch: Vertical and Horizontal Indicators	Marking: Date Code and ID	
Formats: Wiegand (26-bit Industry Standard and custom formats) and ABA Track II magnetic stripe (clock and data)		
Imaging ^b: Appropriate for direct color dye sublimation printing of images and text.		
Warranty: The PSM-2 carries a limited one-year warranty against defects in materials and workmanship.		
Certifications: CSA, UL, FCC, CE, C-Tick.		

- a. Read range is stated in a clean RF and electrical environment with the card presented parallel to the reader surface and the reader operating at 12 VDC. Additionally, read range may be affected by local installation conditions.
b. For further information on cards and dye sublimation printing, please see the Multi-Technology Proximity Card Reference Document.



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