

PRODUCT SPECIFICATION

PSA- PD-XXF(M)2-XX

Rev.A Sheet 10F3

Title: Power Din 3Pin & 4Pin connector

Part Number: PD-XXM2-XX, PD-XXF2-XX

Description: Power Din connector

Revision Control

Rev.	ECN Number	Originator	Approval	Issue Date
A	Initial Release	Ren Liao	Fido Weng	03/12/2009'

Product Specification Origination

Originator Date	Checked by Date	Approved By Date

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1. SCOPE

This specification covers performance, tests and quality requirements for [Power Din connector](#)

2. APPLICABLE DOCUMENTS

The following document of the latest issue in effect at the time of performance of the qualification tests, shall form a part of this specification to the extent specified herewith.

3. Material & Finish

3.1 Plug

Part Name	Material/Finish
Insulator	PBT , UL94V-0, Black
Contact	Brass , XX μ " Gold Plated Over Nickel
Matel shell	Brass, Nickel plated

3.2 Receptacle

Part Name	Material/Finish
Insulator	PBT , UL94V-0, Black
Contact	Brass , XX μ " Gold Plated Over Nickel
Matel shell	Brass, Nickel plated

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4. RATINGS

Rated	3P	Pin Nos.1&2	7.5 A 20V DC max
		Pin No.3	1 A 20V DC max
	4P	Pin Nos.1~4	7.5 A 20V DC max
Insulation Resistance			50M Ω min.at 250V DC
Dielectric Strength			250V AC / 1 minute
Contact Resistance	3P	Pin Nos.1&2	30m Ω max
		Pin No.3	50 m Ω max
	4P	Pin Nos.1~4	30 m Ω max
Insertion Force			49 N max.
Withdrawal Force			0.98 N to 49 N