



- RJ45 CONTACTS
- RJ45 SHELL GROUND CONTACT
- SHIELD BOX LEGS
- CONNECTOR LOCATION PINS

SPECIFICATIONS:

1. MATERIALS:

- PLASTIC INSERT & HOUSING: HIGH TEMPERATURE THERMOPLASTIC FLAMMABILITY RATING UL94V-0 DSM Stanyl, 30% BLACK
- FRONT METAL SHELL: ZINC ALLOY ZAMAK 3, NICKEL PLATE (B TYPE).
- CONTACTS: PHOSPHORE BRONZE, 1.27 um GOLD PLATE ON MATING SURFACES, 1.27 um NICKEL MIN UNDERPLATE. 3.81 um MIN MATTE TIN ON CONTACT TAILS.
- LATCH LOCK AND SPRING: SPRING STEEL, NICKEL PLATE.
- EMI/RFI HOOD: BRASS, TIN PLATE

2. ELECTRICAL CHARACTERISTICS:

- RATED VOLTAGE: 125 VAC
- TYPICAL CONTACT RESISTANCE: 20 mOhm
- INSULATION RESISTANCE: >500 MOhm
- DIELECTRIC STRENGTH: 1000 VAC, 60 SECONDS
- TRANSMISSION SPECIFICATION/CLASS: COMPLIES WITH CAT5e 1000 BASE-T PER EIA-568-C.2
- PoE+ COMPLIES WITH 802.3at Type 2 (SEE PSE PINOUT ALTERNATIVE TABLE)

PSE PINOUT ALTERNATIVES

CONDUCTOR	Alternative-A (MDI-X)	Alternative-A (MDI)	Alternative-A (All)
1	Negative V _{PSE}	Positive V _{PSE}	
2	Negative V _{PSE}	Positive V _{PSE}	
3	Positive V _{PSE}	Negative V _{PSE}	
4			Positive V _{PSE}
5			Positive V _{PSE}
6	Positive V _{PSE}	Negative V _{PSE}	
7			Negative V _{PSE}
8			Negative V _{PSE}

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LINEAR	ANGULAR	MATERIAL:	DRN: T.N		
X ± 0.5	X' ± 1	REFER SPECIFICATION	CKD: P.M	DATE: 08/10/12	
X.X ± 0.1	X.X' ± 30'		APP'D: P.M	DATE: 08/10/12	
X.X ± 0.05	X.X' ± 15'	DO NOT SCALE	FINISH:	SCALE: 3:2	SIZE: A3
DIMENSIONS IN MILLIMETRES		THIRD ANGLE PROJECTION		TITLE: XLRnet CONNECTOR RJ45 RECP CAT5e WITHOUT LED	
				PART No: RJX8FB5HEB	REV 1
				DRAWING No. 55010837-000	SHEET 1/1