

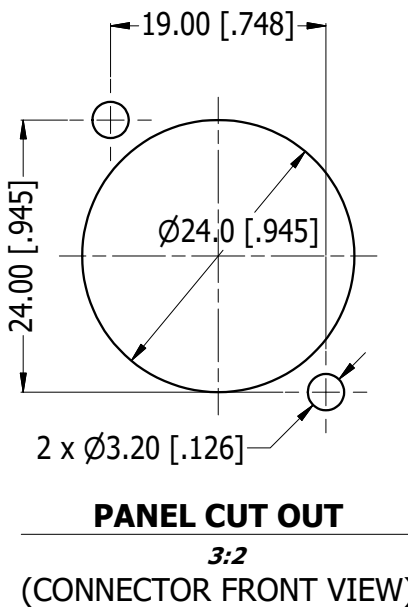
PCB LAYOUT  
(CONNECTOR TOP VIEW)

- RJ45 CONTACTS
- RJ45 SHELL GROUND CONTACT
- CONNECTOR LOCATION PINS



TABLE OF PART NUMBERS		
PART NUMBER	FRONT SHELL FINISH	TRANSMISSION CLASS
RJXS8FD5HB	NICKEL	CAT5e
RJXS8FD3HB	NICKEL	CLASS D
RJXS8FE5HB	BLACK	CAT5e
RJXS8FE3HB	BLACK	CLASS D

3D VIEW  
1:1



PANEL CUT OUT  
3:2  
(CONNECTOR FRONT VIEW)

#### 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.
- CONTACTS: PHOSPHORE BRONZE, 1.27  $\mu$ m GOLD PLATE ON MATING SURFACES, 1.27  $\mu$ m NICKEL MIN UNDERPLATE. 3.81  $\mu$ m MIN MATTE TIN ON CONTACT TAILS.
- LATCH LOCK AND SPRING: SPRING STEEL, NICKEL PLATE OR BLACK COATING
- 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 OR CLASS D 10/100 BASE-T PER EIA-568-C.2 AND ISO 11801
- PoE+ COMPLIES WITH 802.3at Type 2

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LINEAR		ANGULAR		MATERIAL: REFER SPECIFICATION		DRN: T.N		DATE: 31/10/18	
X ±0.5		X' ±1		CKD: P.M		DATE: 31/10/18		TITLE: XLRnet CONNECTOR HORIZONTAL IP54 CUSTOMER DRAWING	
X.X ±0.1		X.X' ±30'		APP'D: P.M		DATE: 31/10/18		PART No: REFER TO TABLE OF PART NUMBERS	
X.X ±0.05		X.X'X' ±15'		SCALE: 3:2		SIZE: A3		DRAWING No. 55011337-000	
DO NOT SCALE		FINISH:		THIRD ANGLE PROJECTION				REV A	
DIMENSIONS IN MILLIMETRES								SHEET 1/1	