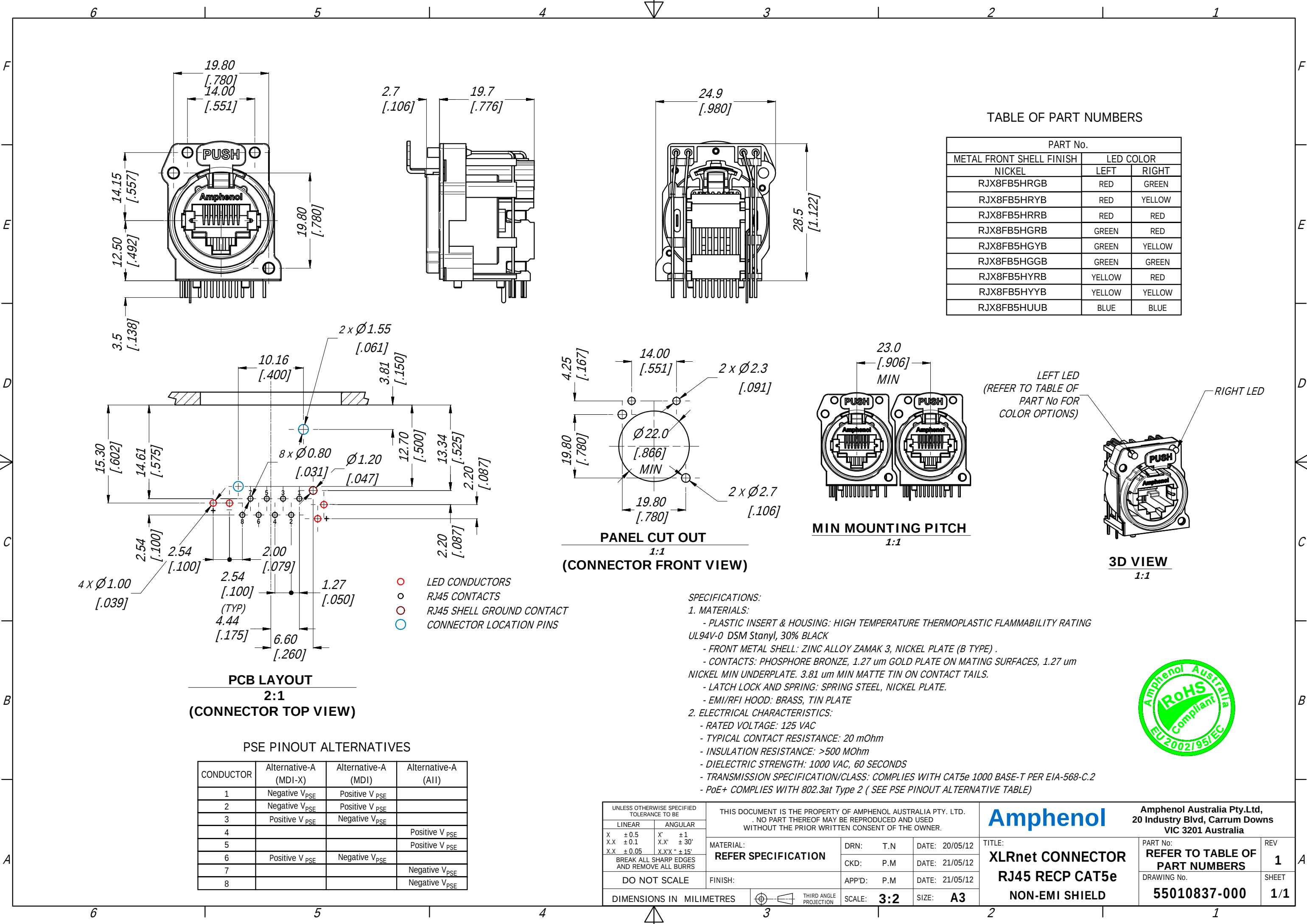




PART No.		
METAL FRONT SHELL FINISH	LED COLOR	
NICKEL	LEFT	RIGHT
RJX8FB5HRGB	RED	GREEN
RJX8FB5HRYB	RED	YELLOW
RJX8FB5HRRB	RED	RED
RJX8FB5HGRB	GREEN	RED
RJX8FB5HGYB	GREEN	YELLOW
RJX8FB5HGGB	GREEN	GREEN
RJX8FB5HYRB	YELLOW	RED
RJX8FB5HYYB	YELLOW	YELLOW
RJX8FB5HUUB	BLUE	BLUE

LEFT LED
(REFER TO TABLE OF
PART No FOR
COLOR OPTIONS)

RIGHT LED

- LED CONDUCTORS
- RJ45 CONTACTS
- RJ45 SHELL GROUND CONTACT
- 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)



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}

UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE

LINEAR

ANGULAR

X ±0.5

X' ±1

X.X ±0.1

X.X' ±30'

X.X ±0.05

X.X' ±15'

BREAK ALL SHARP EDGES AND REMOVE ALL BURRS

DO NOT SCALE

DIMENSIONS IN MILLIMETRES

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MATERIAL:
REFER SPECIFICATION

FINISH:

THIRD ANGLE PROJECTION

DRN: T.N

DATE: 20/05/12

CKD: P.M

DATE: 21/05/12

APP'D: P.M

DATE: 21/05/12

SCALE: 3:2

SIZE: A3

Amphenol

Amphenol Australia Pty.Ltd,
20 Industry Blvd, Carrum Downs
VIC 3201 Australia

TITLE:
XLRnet CONNECTOR
RJ45 RECP CAT5e
NON-EMI SHIELD

PART No:
REFER TO TABLE OF
PART NUMBERS

DRAWING No.
55010837-000

REV
1

SHEET
1/1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[RJX8FB5HUUB](#) [RJX8FB5HRRB](#) [RJX8FB5HGRB](#) [RJX8FB5HGYB](#) [RJX8FB5HRYB](#)