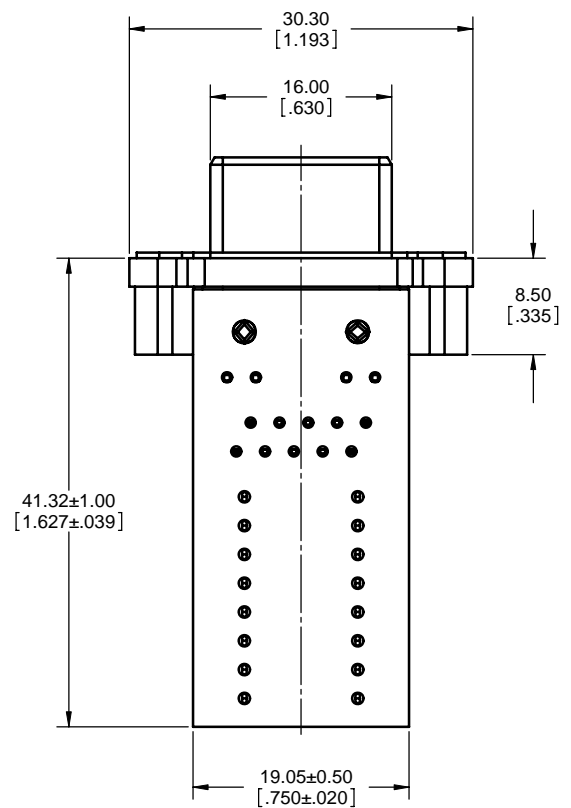
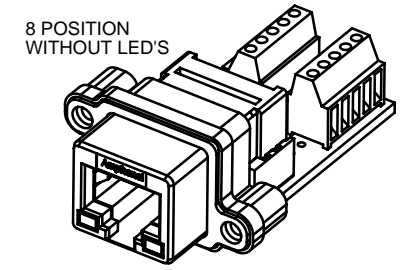
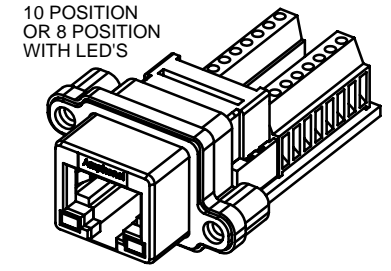
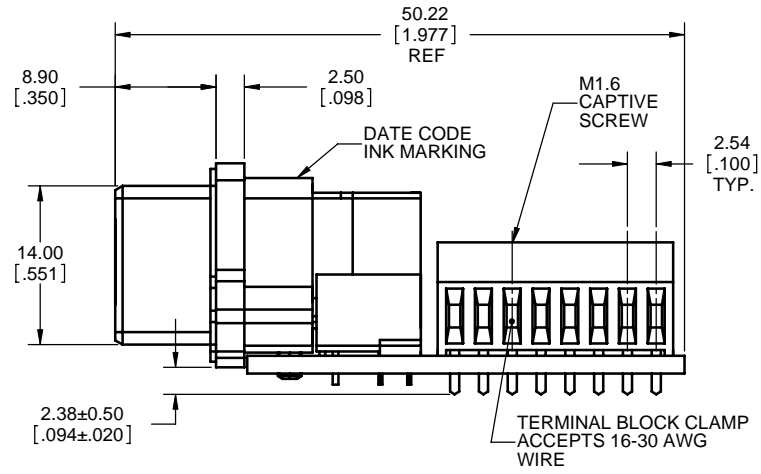
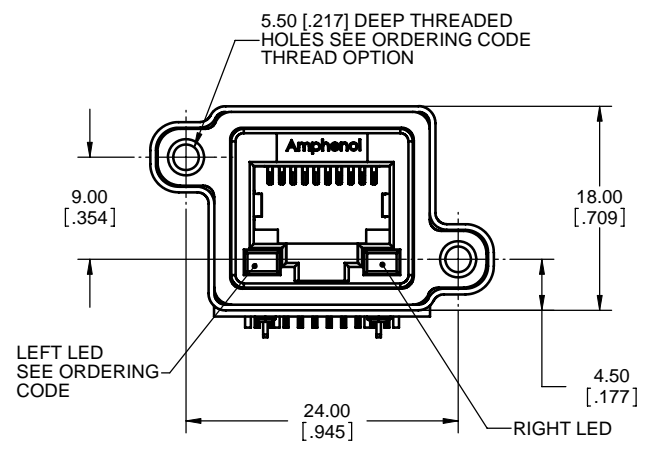


REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
A	PRODUCT DWG (EAR 13226)	FEB21/08	K.L.



ORDERING CODE: **M R J - 5 9 X X - X 1**

SERIES, RUGGED RJ

RECEPTACLE, RIGHT ANGLE, ON PCB WITH TERMINAL BLOCKS

NUMBER OF CONTACTS  
 8= 8 CONTACTS  
 A=10 CONTACTS

LED OPTION  
 0=NONE  
 1=GREEN LEFT, YELLOW RIGHT  
 4=YELLOW LEFT, GREEN RIGHT  
 5=GREEN LEFT, GREEN RIGHT

MOUNTING HOLE THREAD OPTION  
 0= #4-40 UNC THREAD  
 M= M3 x 0.5 THREAD

SINGLE PORT

**NOTES:**

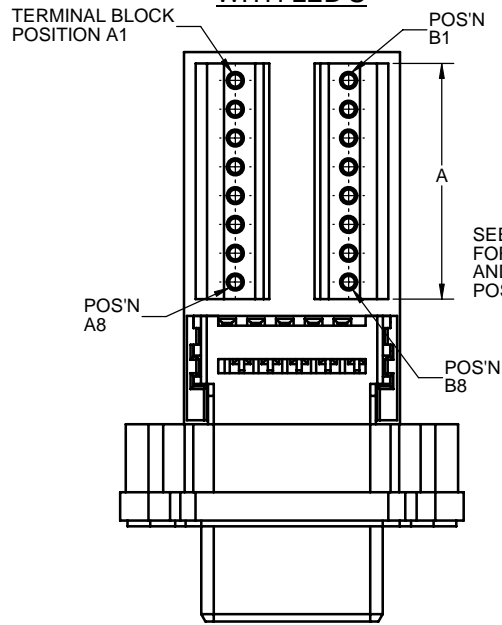
- MATERIAL:**  
 ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC AND AMENDMENTS
  - SHELL - DIECAST ZINC, NICKEL PLATED
  - CONTACTS - PHOSPHOR BRONZE WITH 50 MICROINCHES (1.27 MICRONS) GOLD OVER 50 MICROINCHES (1.27 MICRONS) MINIMUM NICKEL ON THE MATING AREA AND MATTE TIN OVER NICKEL ON THE CONTACT TAILS.
  - INSERTS - ENGINEERING THERMOPLASTIC, UL FLAMMABILITY RATING 94V-0, REAR INSERTS: BLACK, FRONT INSERT: CLEAR
  - LED'S - EPOXY LENS, STEEL TAILS WITH TIN PLATING
  - GASKET - SILICONE RUBBER
  - PCB - FR-4 FIBERGLASS, LEAD FREE
  - TERMINAL BLOCKS - ENGINEERING THERMOPLASTIC HOUSING (UL94V-0, GREEN) WITH COPPER ALLOY, NICKEL PLATED CLAMPS & SCREWS AND COPPER ALLOY, TIN PLATED TERMINALS.
- ENVIRONMENTAL PERFORMANCE PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA AND PCB SIDE OF CONNECTOR. GASKET PROVIDES FOR SEAL TO INSIDE FACE OF PANEL.
- CURRENT RATING: 1.5 AMPERES.
- CONTACT RESISTANCE: 50 MILLIOHMS.
- OPERATING TEMPERATURE: -40C TO +105C.
- AVAILABLE MATING AREA COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR DETAILS.
- RECOMMENDED TORQUE FOR PANEL MOUNT SCREWS: 0.45 TO 0.65 Nm (4.00 - 5.75 IN-LBS) FOR STEEL SCREWS WITH 3.00 (.118) THREAD ENGAGEMENT.



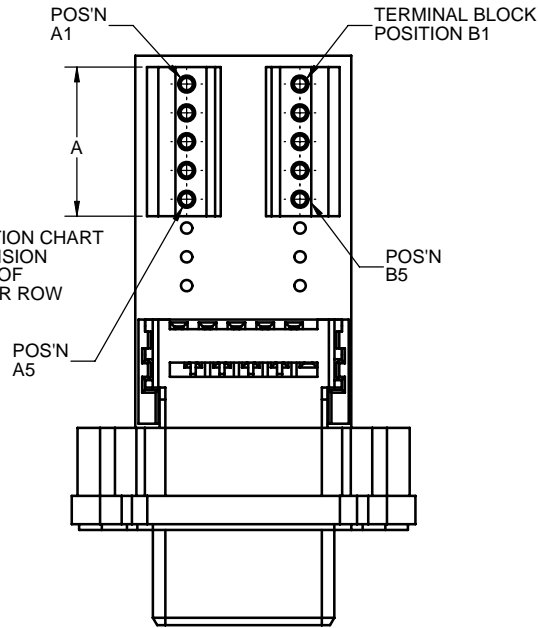
PROPRIETARY AND CONFIDENTIAL  
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UNLESS OTHERWISE SPECIFIED:		DRAWN: G.LI		DATE: FEB21/08		Amphenol Canada Corp.	
DIMENSIONS ARE IN MILLIMETERS		DESIGNED:		CHECKED:		MRJ SERIES RUGGED MODULAR JACK; 8 & 10 POSITION RIGHT ANGLE, ON PCB WITH TERMINAL BLOCKS, RoHS COMPLIANT	
DIMENSIONS ARE IN MILLIMETERS		ENG. REL. NO. EAR 13226		D.A. APPRD:		SIZE DWG. NO. REV	
DIMENSIONS ARE IN MILLIMETERS		CODE ID. NO.		SCALE: 3:1		WEIGHT: SHEET 1 OF 2	
APPLICATION	DO NOT SCALE DRAWING	3	2	1	1	A	A

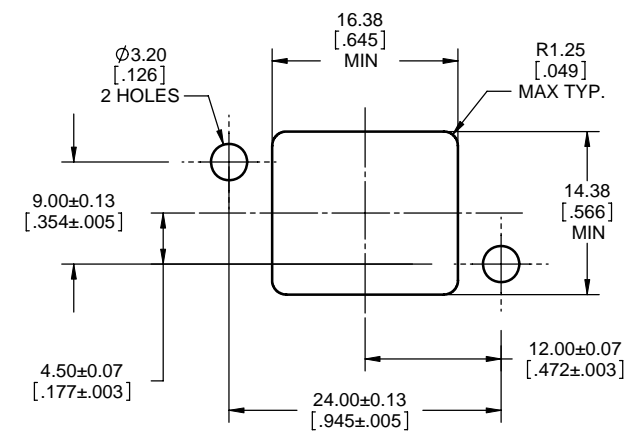
**VIEWS FOR 10 POSITION OR 8 POSITION WITH LED'S**



**VIEWS FOR 8 POSITION WITHOUT LED'S**



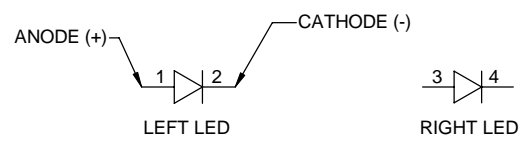
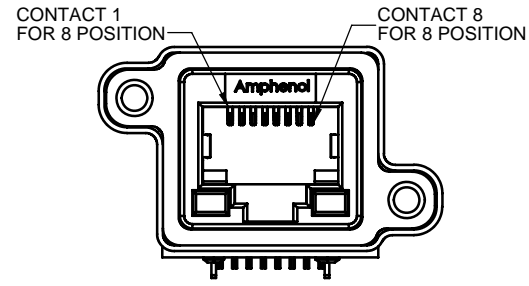
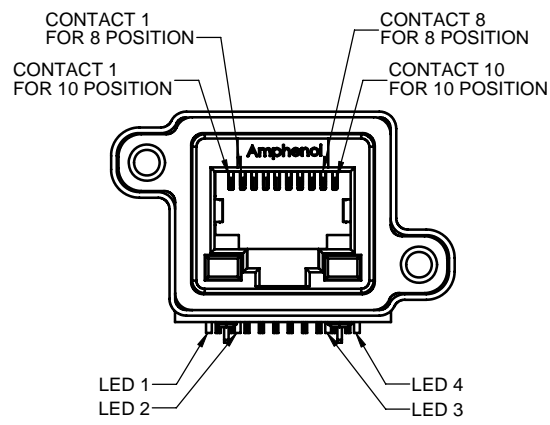
REVISIONS			
REV	ECN, ERN NO.	DATE	APPRD.
A	PRODUCT DWG (EAR 13226)	FEB21/08	K.L.



**RECOMMENDED PANEL CUTOUT**

**MRJ TO TERMINAL BLOCK CONNECTION CHART**

MRJ CONNECTOR STYLE				CONNECTED TO TERMINAL BLOCK POSITION
8 POSITION NO LED'S	8 POSITION WITH LED'S	10 POSITION NO LED'S	10 POSITION WITH LED'S	
SHELL/GROUND	SHELL/GROUND	SHELL/GROUND	SHELL/GROUND	A1 & B1
CONTACT 4	CONTACT 4	CONTACT 5	CONTACT 5	A2
CONTACT 3	CONTACT 3	CONTACT 4	CONTACT 4	A3
CONTACT 2	CONTACT 2	CONTACT 3	CONTACT 3	A4
CONTACT 1	CONTACT 1	CONTACT 2	CONTACT 2	A5
---	---	CONTACT 1	CONTACT 1	A6
---	LED 1	---	LED 1	A7
---	LED 2	---	LED 2	A8
CONTACT 5	CONTACT 5	CONTACT 6	CONTACT 6	B2
CONTACT 6	CONTACT 6	CONTACT 7	CONTACT 7	B3
CONTACT 7	CONTACT 7	CONTACT 8	CONTACT 8	B4
CONTACT 8	CONTACT 8	CONTACT 9	CONTACT 9	B5
---	---	CONTACT 10	CONTACT 10	B6
---	LED 4	---	LED 4	B7
---	LED 3	---	LED 3	B8
5	8	8	8	POSITIONS / ROW
13.16 [.518]	20.78 [.818]	20.78 [.818]	20.78 [.818]	"A" DIMENSION



**LED POLARITY**



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UNLESS OTHERWISE SPECIFIED:		DATE		Amphenol Canada Corp.
DIMENSIONS ARE IN MILLIMETERS		FEB21/08		
DESIGNED	G.LI	CHECKED		MRJ SERIES RUGGED MODULAR JACK, 8 & 10 POSITION RIGHT ANGLE, ON PCB WITH TERMINAL BLOCKS, ROHS COMPLIANT
FRACTIONAL ±		I.E. APPRD.		
ANGULAR MATCH & BEND ±		D.A. APPRD.		
TWO PLACE DECIMAL ±		DWG. APPRD. K.LAMBIE	FEB21/08	
THREE PLACE DECIMAL ±		ENG. REL. NO. EAR 13226		SIZE DWG. NO. <b>C</b> P-MRJ-59XX-X1
INTERPRET GEOMETRIC TOLERANCING PER MATERIAL		REF.		REV <b>A</b>
APPLICATION	DO NOT SCALE DRAWING	DIMENSIONS ARE IN MILLIMETERS	CODE ID. NO.	SCALE: 4:1 WEIGHT: SHEET 2 OF 2



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.