

NOTES (UNLESS OTHERWISE SPECIFIED)

PHYSICAL

- ① HOUSING : HIGH-TEMPERATURE THERMOPLASTIC, UL94V-0
- ② CONTACTS : PHOSPHOR BRONZE
- ③ OPERATING TEMPERATURE : -40°C~+85°C
- ④ PEAK TEMPERATURE FOR WAVE SOLDERING : 235±5°C FOR 5 SECS.

MECHANICAL

- ① MATING FORCE : 5 POUNDS MAX.
- ② UNMATING FORCE : 10 POUNDS MAX.
- ③ DURABILITY : 1,000 CYCLES MAX.

** MATES WITH MODULAR JACK PLUG WHICH DIMENSION MUST CONFORMING TO FCC PART 68, SUBPART F, AND TIA-1096-A.
 ** THIS IS A ROHS COMPLIANTS, AND LEAD FREE PRODUCT.
 ** 100% TESTED FOR FUNCTIONALITY PER IEEE 802.3 REQUIREMENTS.

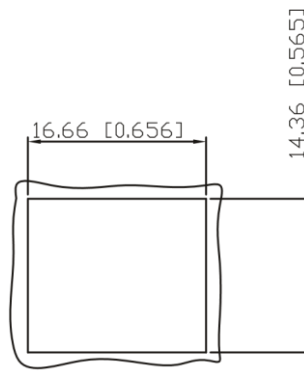
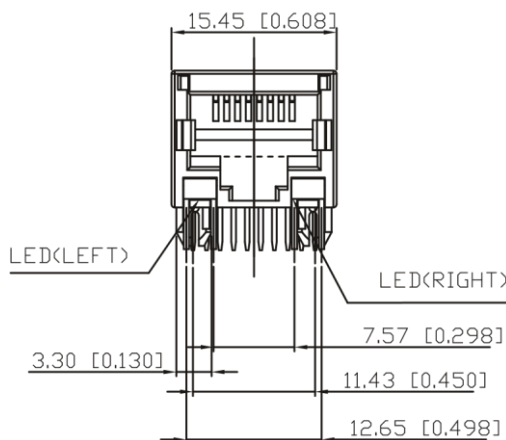
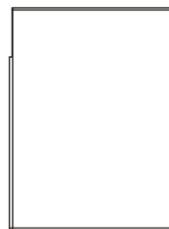
ORDER INFORMATION

RMG35 - 61 * T012PD - F11N * * N

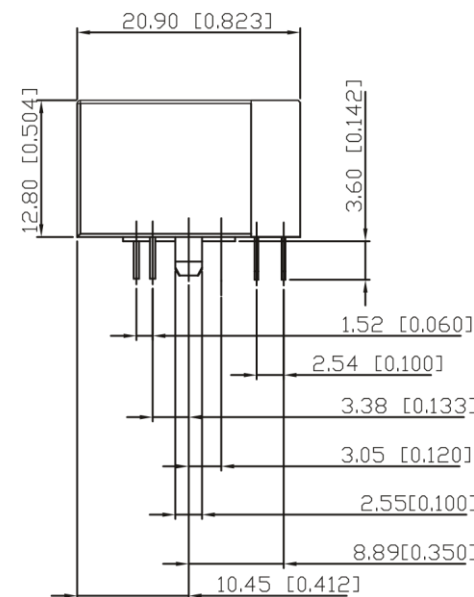
LED COLOR(RIGHT)
 4~GREEN 6~ORANGE
 7~RED 0~YELLOW
 N-NONE -----

LED COLOR(LEFT)
 SAME AS ABOVE

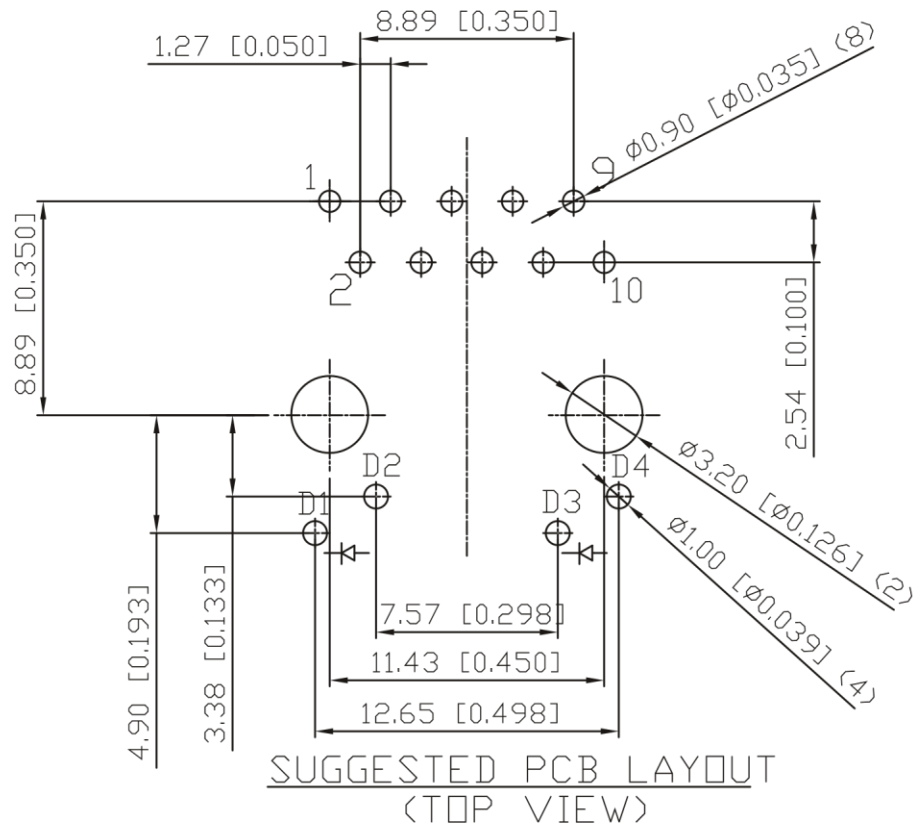
PLATING
 0~Au 0.2~1μ ON CONTACT AREA
 2~Au 6μ ON CONTACT AREA
 6~Au 30μ ON CONTACT AREA
 8~Au 50μ ON CONTACT AREA



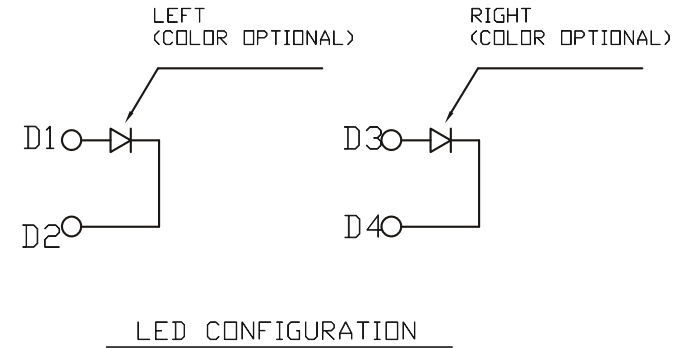
RECOMMENDED
 PANEL CUTOUT DIMENSION



HAS IT BEEN FULLY INSPECTED AND APPROVED FOR THE SYMBOL AS SHOWN? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	METRIC		Han Electronic		
	DRAWER	D.M. Wu			TITLE MODULAR JACK GIGABIT MAGNETIC TAB-DOWN, W/LED W/O SHIELD
APPROVER	TIFFANY C.	DIMENSIONS ARE IN MILLIMETERS TOLERANCES X. ±0.50 X.X ±0.38 X.XX ±0.25 X.XXX ±0.10 ANGLES ±3°			
DO NOT SCALE DRAWINGS				PRODUCT NUMBER RMG35-61*T012PD-F11N**N	
<input checked="" type="checkbox"/> RoHS COMPLIANT <input type="checkbox"/> RoHS EXEMPT <input type="checkbox"/> HP <input type="checkbox"/> LEAD FREE	 THIRD ANGLE PROJECTION		SCALE NONE		
SIZE	A4	REV.			



DIMENSIONAL TOLERANCE: .XX ±0.08[0.003]

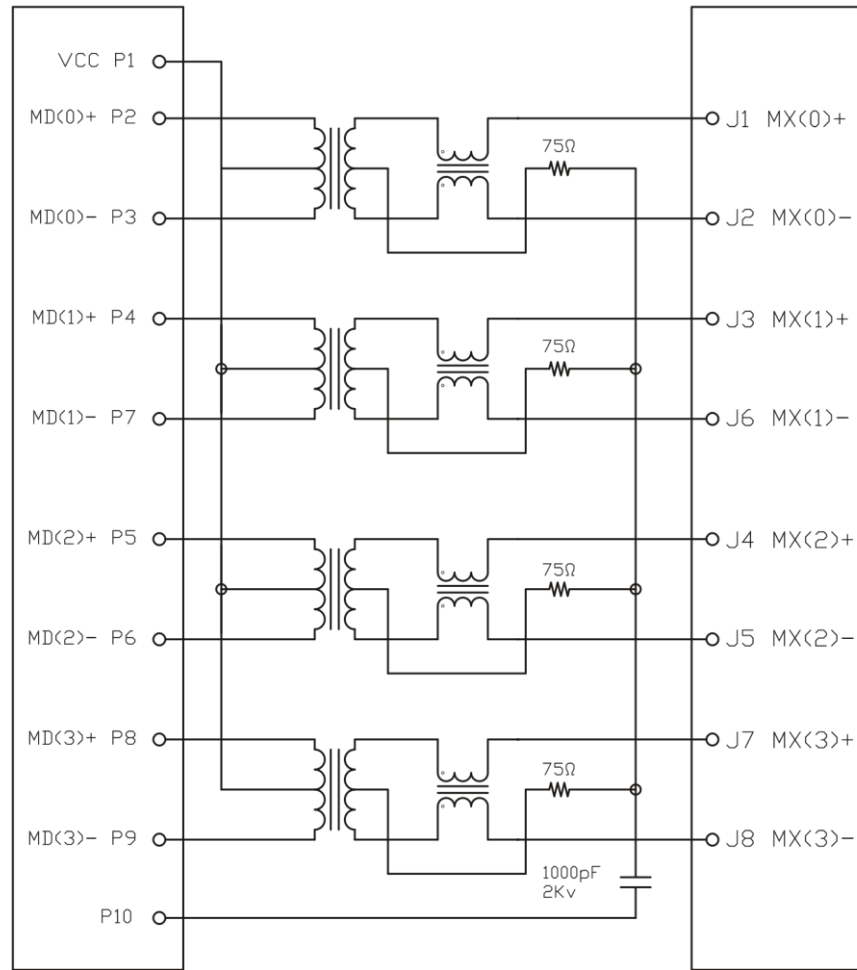


USE BY APPLICATOR AND OPERATOR SHALL MARK THE SYMBOL AS SHOWN	METRIC		Han Electronic	
	DRAWER	D.M. Wu		
	APPROVER	TIFFANY C.		
RoHS <input checked="" type="checkbox"/> COMPLIANT <input type="checkbox"/> NON-COMPLIANT	DIMENSIONS ARE IN MILLIMETERS TOLERANCES		TITLE MODULAR JACK GIGABIT MAGNETIC TAB-DOWN, W/LED W/O SHIELD	
	X.	±0.50		
HP <input type="checkbox"/> COMPLIANT <input checked="" type="checkbox"/> NON-COMPLIANT	X.X	±0.38		
	X.XX	±0.25		
	X.XXX	±0.10		
	ANGLES	±3°		
	DO NOT SCALE DRAWINGS			
	 THIRD ANGLE PROJECTION		PRODUCT NUMBER RMG35-61×T012PD-F11N××N	
<input checked="" type="checkbox"/> LEAD-FREE	SIZE	A4	SCALE	NONE
	REV.		SHEET	OF 3

SCHEMATIC

LAN CHIP SIDE

RJ CABLE SIDE



ELECTRICAL CHARACTERISTICS

TEST NOTES:(25°±5°C)

- TR:(100KHz,0.1V); 100%
PINS:(P2,P3):(J1,J2)=1:1±3%;(P4,P7):(J3,J6)=1:1±3%
PINS:(P5,P6):(J4,J5)=1:1±3%;(P8,P9):(J7,J8)=1:1±3%
- LX:(100KHz,100mV,8mA, DC Bias) 100%
PINS:(P2,P3),(P4,P7),(P5,P6),(P8,P9)=350uH MINIMUM
- DCR: 100%
PINS:(J1,J2),(J3,J6),(J4,J5),(J7,J8)=1.2Ω MAXIMUM
- HIPDT: 100%
PINS(P2,P3) TO (J1,J2),(P4,P7) TO (J3,J6)=1500VAC FOR 60 SECONDS
PINS(P5,P6) TO (J4,J5),(P8,P9) TO (J7,J8)=1500VAC FOR 60 SECONDS
- INSERTION LOSS:
-0.8dB MAXIMUM AT 0.3MHz TO 100MHz;
-1.2dB MAXIMUM AT 100MHz TO 120MHz
- RETURN LOSS:
-18dB MINIMUM AT 0.5MHz TO 40MHz;
-12+20Log(f/80MHz)dB MINIMUM AT 40MHz TO 100MHz
- CROSS TALK:
-33+20Log(f/100MHz)dB MINIMUM AT 0.1MHz TO 100MHz
- COMMON TO DIFFERENTIAL MODE REJECTION:
-35dB MINIMUM AT 300KHz TO 100MHz
- COMMON TO COMMON MODE REJECTION:
-30dB MINIMUM AT 300KHz TO 100MHz

<input checked="" type="checkbox"/> METRIC <input type="checkbox"/> INCHES <input type="checkbox"/> DIMENSIONS ARE IN MILLIMETERS TOLERANCES X. ±0.50 X.X ±0.38 X.XX ±0.25 X.XXX ±0.10 ANGLES ±3°	TITLE MODULAR JACK GIGABIT MAGNETIC TAB-DOWN, W/LED W/O SHIELD
	PRODUCT NUMBER RMG35-61×T012PD-F11N××N
DO NOT SCALE DRAWINGS THIRD ANGLE PROJECTION	SCALE NONE
SIZE A4	SHEET OF 3