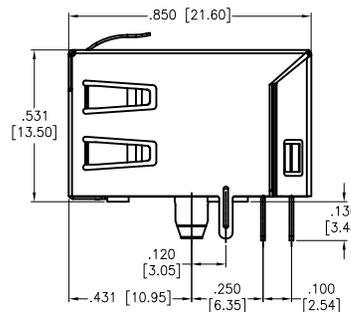
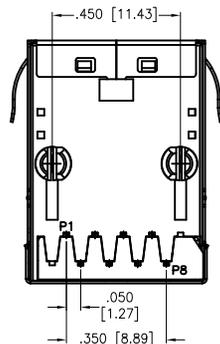
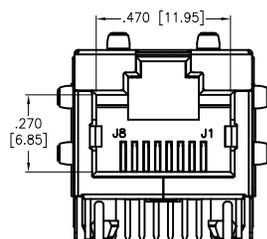
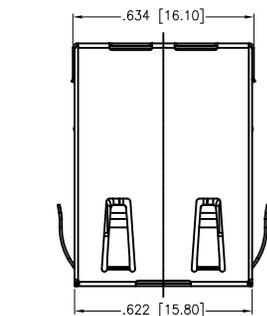
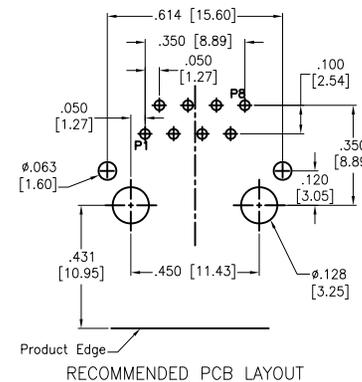


APPROVED: _____

DATE: _____ TITLE: _____



Rev	AWO #	Description	Date	Appr
-		RELEASED	6/15/16	
A		ADDED AVAILABLE OPTIONS	7/7/16	SS
B		ADDED T&R DETAILS TO SHT 2	7/12/16	SS
C		UPDATE DRAWING	8/14/18	AY/NP
D		ADDED PACKING	10/11/18	AY/RC1
E		ADDED DIM.	11/21/18	AY/RC1
F		UPDATE PACKING	1/29/19	AY/RC1
G		ADDED MTL AND SOLDER CHART	1/29/19	AY/RC1



MAGNETICS TELEPHONE JACK ORDERING INFORMATION

MTJ SERIES INDICATOR MTJ = Modular Telephone Jack	8 HOUSING PLUG SIZE & Position	8 NO. OF CONTACT POSITIONS FILLED & Contact	C HOUSING TYPE T = Tab Down, Short Body	X PLATING X = Gold Flash 0 = 15 µin gold 1 = 30 µin gold 2 = 50 µin gold	1 BODY COLOR 1 = Black	FSD SHIELD PIN LOCATION OPTION FSD	LD LED LX = Led Color (See Chart on page 43) RLX = Led with Resistor BLANK = No Led's	M5 TRANSFORMER TYPE M1 Thru M20 (See page 44-45) Consult Factory if transformer type required is not shown
--	--	---	--	--	-------------------------------------	---	--	--

OPTIONS:
Add designator(s) to end of part number
PG = Panel ground tabs
TU = Tab up orientation, add U after T housing Type
HT = High Temp insulator
T/R = Tape & Reel packaging

SPECIFICATIONS:

Material:
Insulator: Hi-Temp LCP Thermoplastic, rated UL 94V-0
Insulator color: Black
Contacts: Copper Alloy
Shield: Stainless Steel, Nickel plated
Plating:
Round contact
Gold over Nickel underplate overall
Flat contact
Gold over Nickel underplate on contact area,
Tin over Nickel underplate on solder tails
Electrical:
Contact Resistance: 30 mohms max.
Dielectric withstanding voltage: 1500 VAC or 2250 VDC for 1 minut
Temperature Rating:
Operating temperature: 0°C to +75°C
Soldering Temp: 260°C max.
Environmental:
Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED			
INCHES		HOLES	
.X	± .10	Ø.X	± .10
.XX	± .020	Ø.XX	± .015
.XXX	± .015	Ø.XXX	± .010
APPROVALS		DATE	
DRAWN	HR	6/15/16	
CHECKED	LL	6/15/16	
APPROVED			

TITLE: MODULAR JACK GANGED, 1 PORT, 8P8C

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-M13D-HT-T/R	G
REF:	S00167T-1	SCALE: NTS
SHEET 1 OF 4		

6

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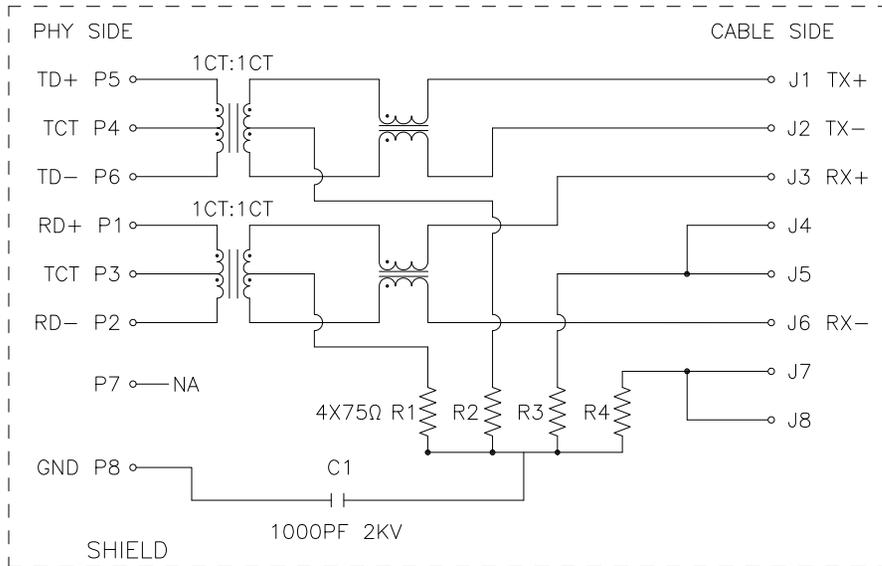
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APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

SCHEMATICS (10/100BASE)



SPECIFICATIONS:

- 1.100 BASE-T Ethernet Application;
- 2.Meets IEEE 802.3 & ANSI X 3.263 Standards;
- 3.EU Rohs/ELV and GP Compliant,
- 4.Operating Temperature: 0°C to +75°C;
- 5.Contact Resistance: 30mΩ Max.;
- 6.Insertion Force With The Latch Depressde: 30N Max.;;
Removal Force With The Latch Depressde: 30N Max.;;
Durability: 750 Cycles;
- 7.Transmitter Filter & Receiver Filter:
Insertion Loss: 1~100MHz-1.0dB Max.;;
Return Loss:1~30MHz -18dB Min. ;
30~60MHz -16dB Min. ;
60~80MHz -12dB Min. ;
- 8.Comm Mode Rejection: @1~100 MHz -30dB Min.;
- 9.Cross Talk: @1~100 MHz -30dB Min.;
- 10.Inductance: @100 KHz, 0.1V, 8mA DC BIAS, 350uH Min.;
- 11.HiPot Test:
Input To Output: 1500V Ac Or 2250V Dc @60S;

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED
INCHES HOLES

.X ± .10	∅.X ± .10
.XX ± .020	∅.XX ± .015
.XXX ± .015	∅.XXX ± .010



TITLE
MODULAR JACK GANGED, 1 PORT, 8P8C

APPROVALS		DATE
DRAWN	HR	6/15/16
CHECKED	LL	6/15/16
APPROVED		

SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-M13D-HT-T/R	G
REF:	S00167T-1	SCALE: NTS
		SHEET 2 OF 4

6

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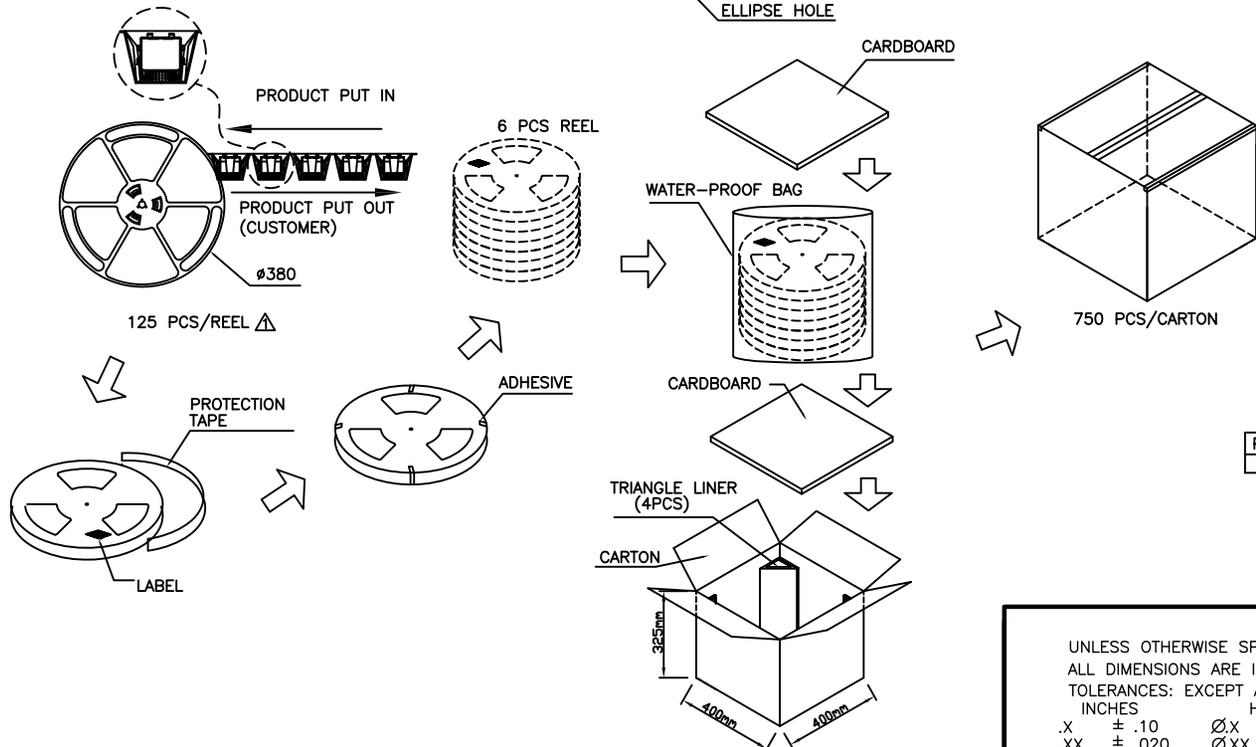
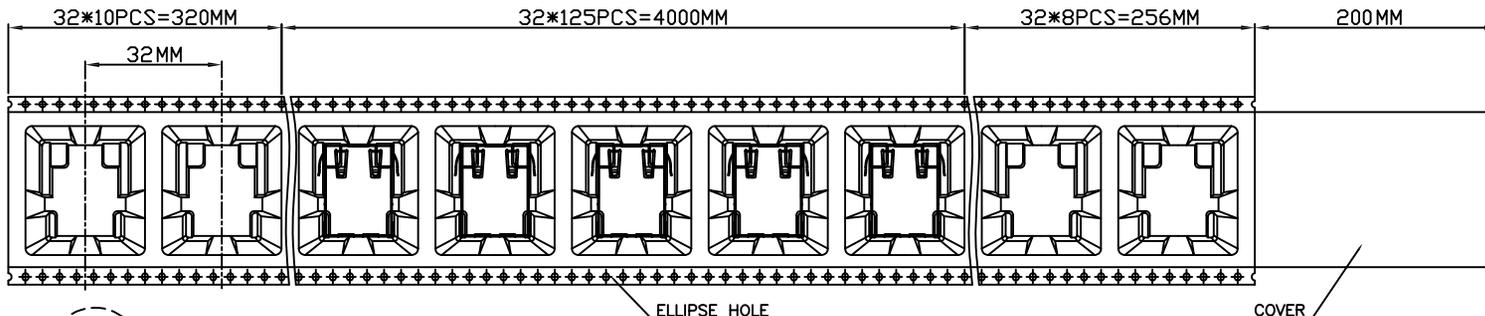
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APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

THE DIRECTION OF
PRODUCT PUT OUT
PACKING 125 PCS PRODUCT



1. PACKING:125 PCS/REEL
6 REEL/CARTON(750 PCS/CARTON)
2. AFTER REELING DIRECTION MUST HAVE
8 EMPTY CARRIER(256mm)
3. BEFORE UNREELING DIRECTION MUST HAVE
10 EMPTY CARRIER(320mm)

PART NAME	PCS/REEL	REEL/CARTON	PCS/TOTAL
PRODUCT	125	6	750

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	± .10	Ø.X	± .10
.XX	± .020	Ø.XX	± .015
.XXX	± .015	Ø.XXX	± .010

APPROVALS		DATE
DRAWN	HR	6/15/16
CHECKED	LL	6/15/16
APPROVED		



TITLE		
MODULAR JACK GANGED, 1 PORT, 8P8C		
SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-M13D-HT-T/R	G
REF:	S00167T-1	SCALE: NTS
		SHEET 3 OF 4

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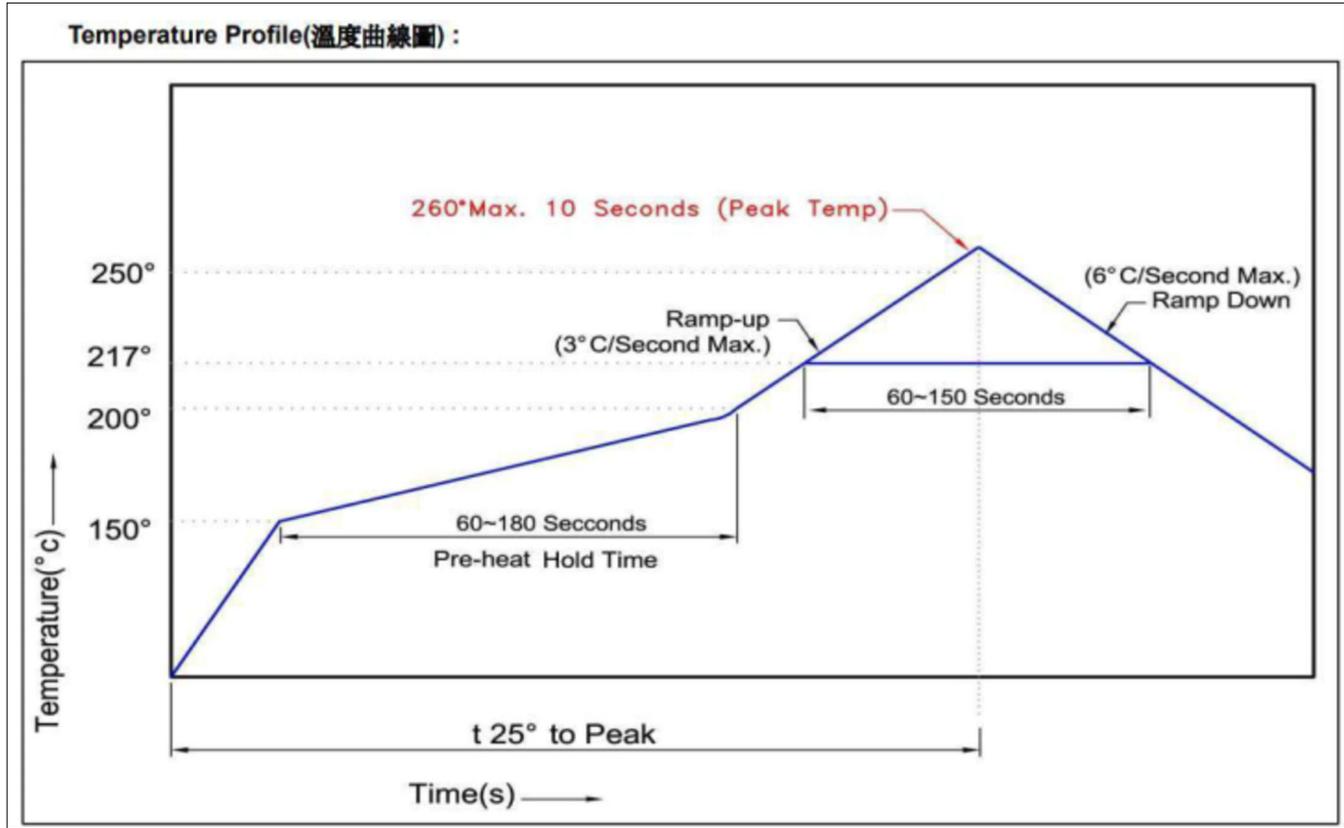
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APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				



UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE INCHES [MM]
 TOLERANCES: EXCEPT AS NOTED

INCHES	HOLES
.X ± .10	Ø.X ± .10
.XX ± .020	Ø.XX ± .015
.XXX ± .015	Ø.XXX ± .010



APPROVALS		DATE
DRAWN	HR	6/15/16
CHECKED	LL	6/15/16
APPROVED		

TITLE		
MODULAR JACK GANGED, 1 PORT, 8P8C		
SIZE	PART NO.	REV.
X	MTJ-88TUX1-FSD-PG-M13D-HT-T/R	G
REF:	S00167T-1	SCALE: NTS
		SHEET 4 OF 4

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