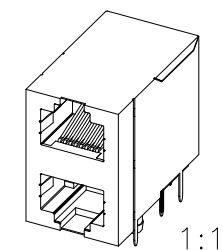
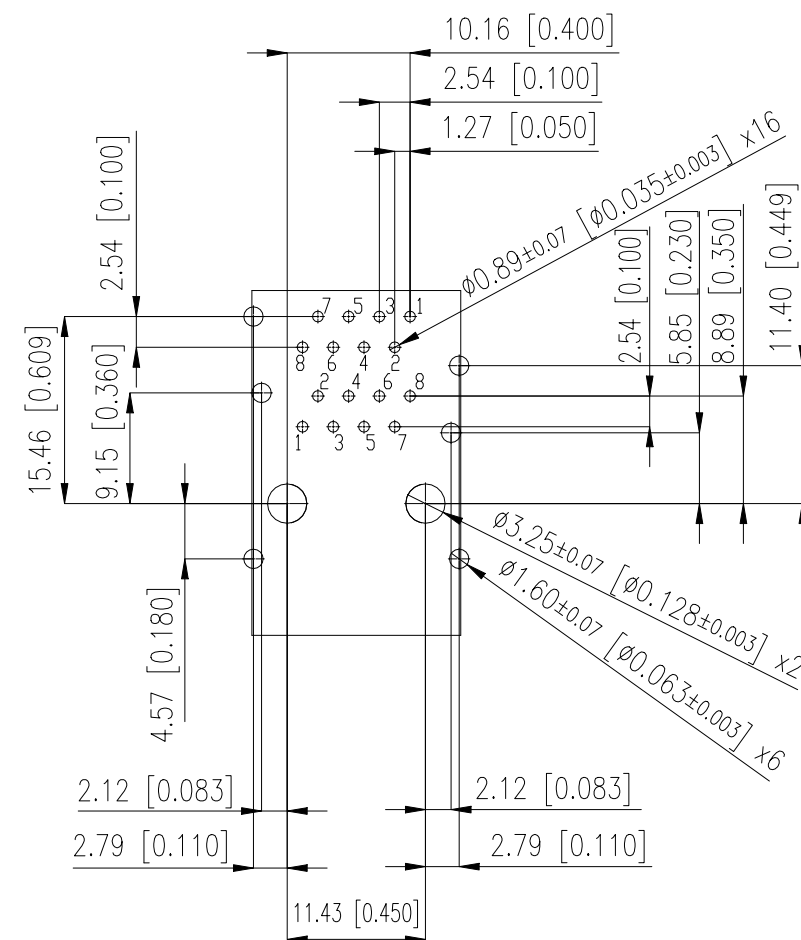
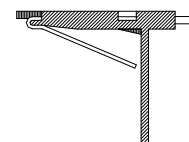
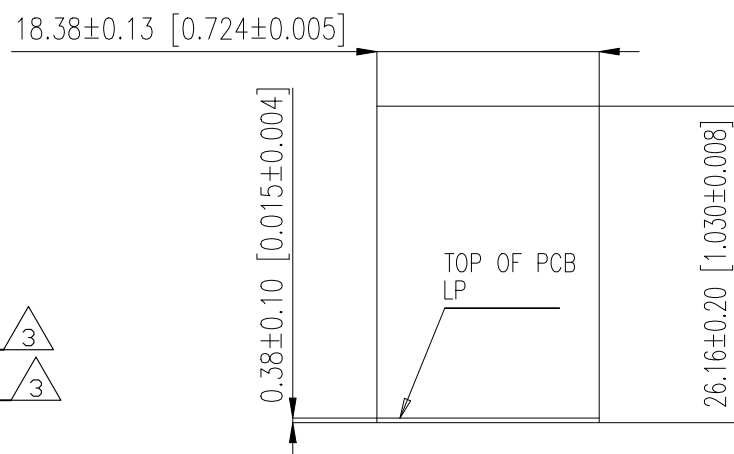
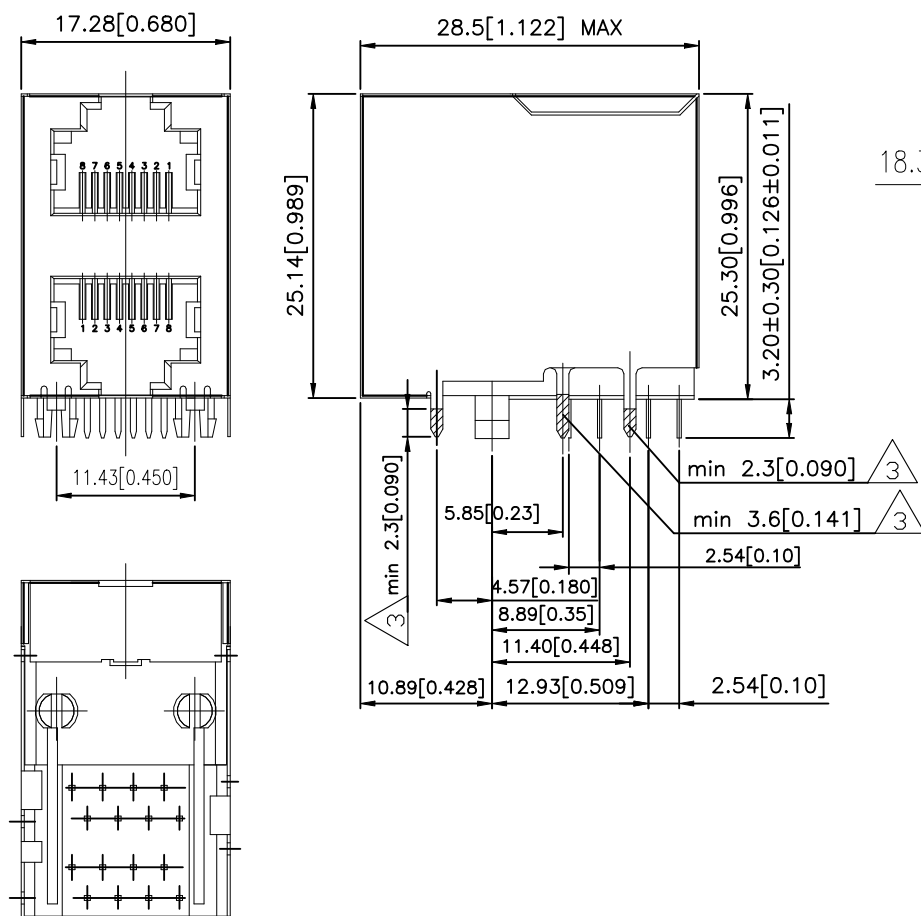


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	J1	SHIELD UPDATE	02AUG2023	SS	LET



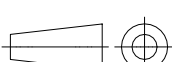
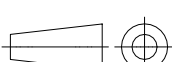
Technical specifications

Materials & Finish	Standard applic.	Value	Test Data	Standard applic.	Value
Insulation body	Standard description	PA66	Mechanical properties		
Contact material	Standard description	C5210 (acc.JIS)	Insertion/withdrawal force	IEC 603-7	max. 20 N
Contact finish, mating zone	Thickness of plating	30 µm Au over 50 µm Ni	Mechanical operations	IEC 512-5, 9a	min. 1,000
Contact finish termination zone	Thickness of plating	80 µm matte Sn over 50 µm Ni	Effectiveness of connector		
Shell/shield material	Standard description	SUS301 (acc.JIS)	coupling device	IEC 512-8, 15f	50 N
Plating shield / shielding pin		50 µm Ni / 80 µm Sn	Electrical properties		
			Creepage / clearance distances		
Assembly process			a) Contact - contact	IEC 807-3	0,52 mm
Packaging		Tray	b) Contact - shell	IEC 807-3	min. 1,0 mm
Solder temperature		235°C at 3-5s	Voltage proof (Dielectric Withstand Voltage)		
Suitable assembly process		wave	a) Contact - contact	IEC 512-2, 4a	min. 1.000 V AC/DC
			b) Contact - shell/testpanel	IEC 512-2, 4a	min. 1.500 V AC/DC
Approvals			Current carrying capacity	IEC 512-3, 5b	1,5 A @ 25°C
UL insulation body	UL 94	V0	Contact resistance	IEC 512-2, 2a	max. 30 mOhm
UL File No.		E145613	Insulation resistance	IEC 512-2, 3a	min. 500 MOhm
RoHS compliant		Yes	Environmental properties		
			Operation temperature		0 - 70° C

NOTES:

1. C-UL APPROVED E145613 AND MEETS FCC REQUIREMENTS
2. RoHS COMPLIANT

3 METAL FEET TINNED HEIGHT.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B S ADRUSH 15NOV2022		TE Connectivity							
DIMENSIONS: mm [INCHES]		CHK N MANTIKOU 17NOV2022									
		APVD J DE BRUIJN 17NOV2022		NAME MOD JACK – MJD 8P8C, 2x1, CAT 5 —							
		PRODUCT SPEC 108-94901									
		APPLICATION SPEC 114-94805		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO			
		WEIGHT —		A3		00779	C-133051-E		—		
MATERIAL —		FINISH —		CUSTOMER DRAWING					SCALE NTS	SHEET 1 OF 1	REV J1