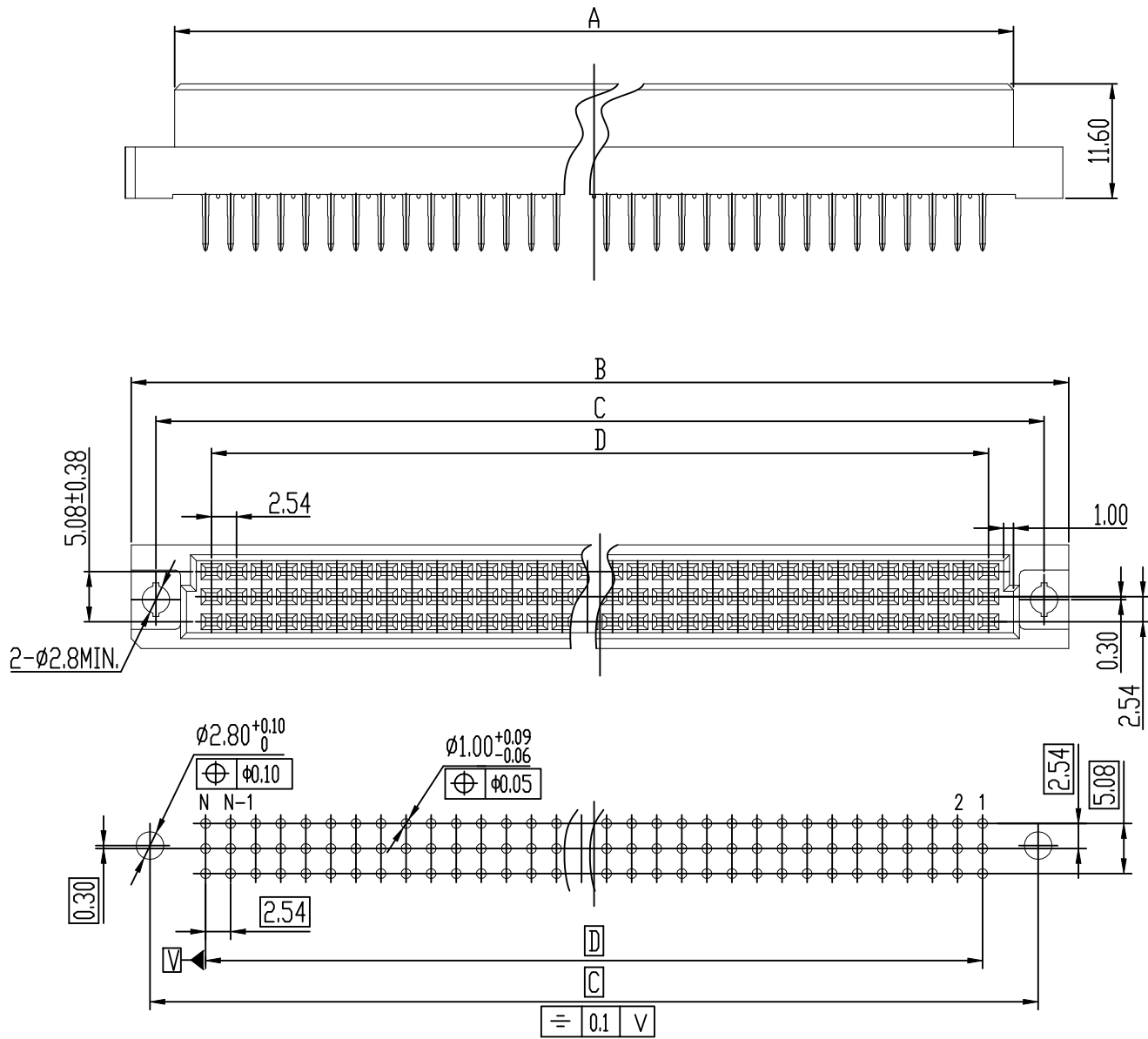
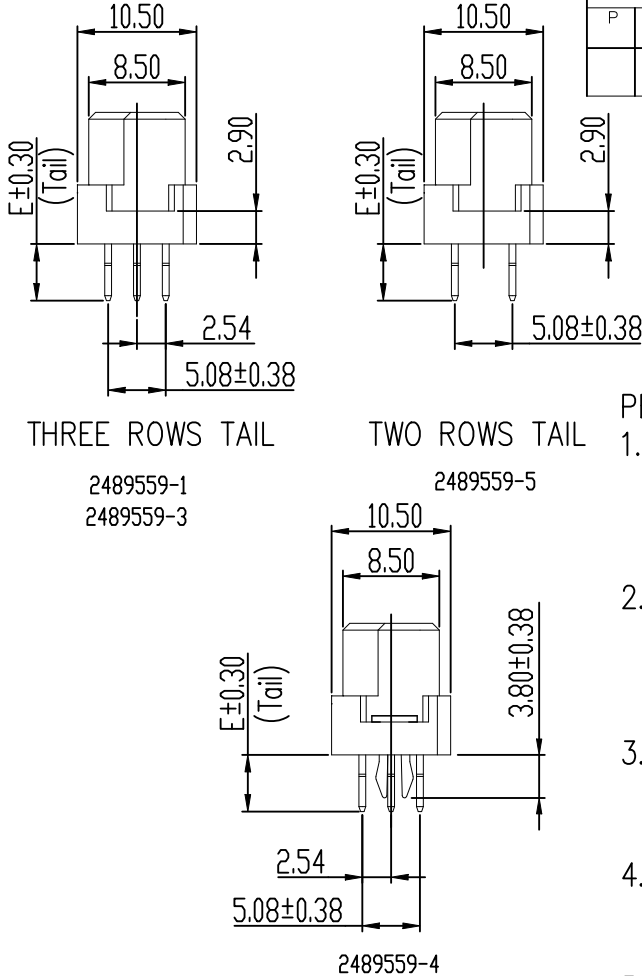


P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL DRAWING	13NOV2024	KW	PV



Recommended PCB layout



- PERFORMANCE CHARACTERISTICS:
1. MAIN BODY PART MATERIAL
INSULATOR:SEE PART NUMBER RULE
CONTACT TERMINAL:COPPER ALLOY,1.27μm Ni UNDER PLATED, OUTER PLATING SEE TABLE.
 2. ELECTRICAL REQUIREMENTS:
CURRENT RATING: 1.5 A(at 20°C)
CONTACT RESISTANCE: ≤20 mΩ
INSULATION RESISTANCE: ≥10⁴MΩ
 3. MECHANICAL REQUIREMENTS
INSERTION FORCE: ≤0.94 N/pin
EXTRACTION FORCE: 0.15 N/pin
 4. ENVIRONMENT SPECIFICATION
WORKING TEMPERATURE: -55°C~+125°C
HUMIDITY:≤93% at 40°C
 5. APPLICABLE STANDARD:DIN41612
 6. PACKING & STORING
METHOD OF PACKING: BOX,INNER BOX,OUTER BOX
STORING CONDITION: TEMPERATURE OF -10°C~+40°C
BELOW 80% RELATIVE HUMIDITY
 7. STYLE OF INSTALLATION: SOLDER PCB INSTALLATION(THT)
 8. TO PREVENT THE POLLUTION OF THE ENVIRONMENT PRODUCT INFO
RoHS AGREEMENT:IN LINE WITH THE EUROPEAN UNION RoHS.

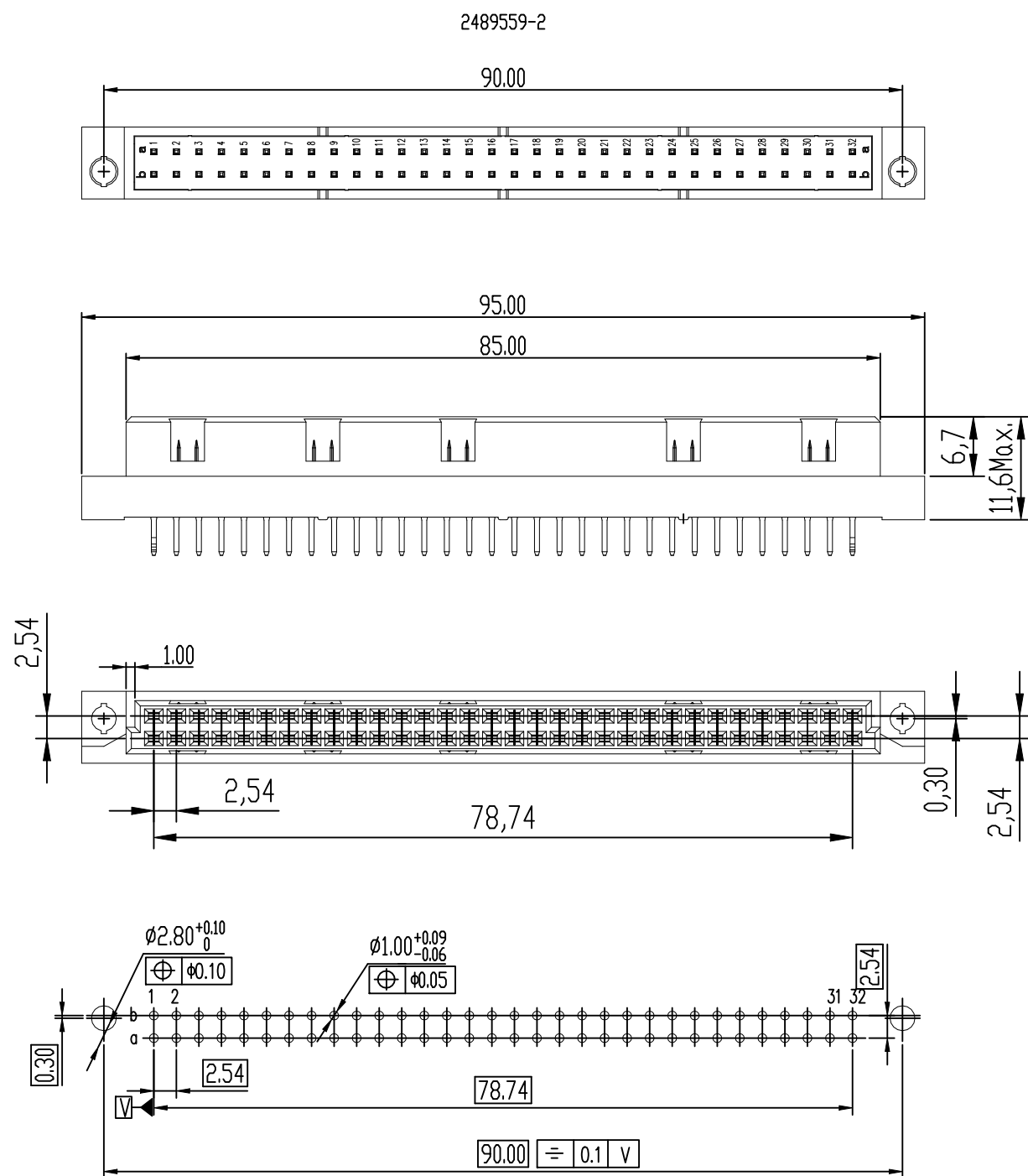
64	2489559-5	85.00	95.00	90.00	78.74	3.75	Au 0.38μm or PdNi 0.38μm + GOLD FLASH	Sn	TE 2.9, SL 3.75	REFER SHEET 1	PBT GREY UL94V-0
96	2489559-4	85.00	95.00	90.00	78.74	3.75	Au 0.38μm or PdNi 0.38μm + GOLD FLASH		TE 2.9, SL 3.75	REFER SHEET 1	PBT GREY UL94V-0 WITH 3.80mm CLIP
48	2489559-3	44.40	54.40	50.00	38.10	3.75	Au 0.38μm or PdNi 0.38μm + GOLD FLASH		TE 2.9, SL 3.75	REFER SHEET 1	PBT GREY UL94V-0
64	2489559-2	-	-	-	-	4.0	Au 0.38μm or PdNi 0.38μm + GOLD FLASH		TE 2.9, SL 4.0	REFER SHEET 2	PBT GREY UL94V-0
96	2489559-1	85.00	95.00	90.00	78.74	3.75	Au 0.38μm or PdNi 0.38μm + GOLD FLASH		TE 2.9, SL 3.75	REFER SHEET 1	PBT GREY UL94V-0
Pos	PART NO.	A	B	C	D	E	CONTACT	TAIL	SOLDER TAIL LENGTH	DIMENSION REFER	INSULATOR MATERIAL AND COLOR
							PLATING MATERIAL				

THIS DRAWING IS A CONTROLLED DOCUMENT.

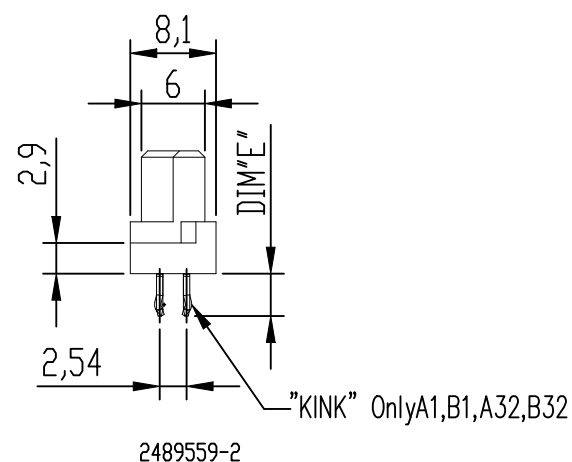
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.50 1 PLC ± 0.38 2 PLC ± 0.25 3 PLC ± - 4 PLC ± - ANGLES ± 3°
MATERIAL SEE TABLE	FINISH -

DWN KISHAN W 30AUG2024	TE Connectivity		
CHK PRAVEEN V 06SEP2024			
APVD SATHISH PS 06SEP2024			
PRODUCT SPEC			
APPLICATION SPEC	NAME DIN 41612 CONN. C TYPE FEMALE SOLDER TAIL		
WEIGHT -			
CUSTOMER DRAWING			
SCALE NTS		SHEET 1 OF 2	REV A

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—



Recommended PCB layout



PERFORMANCE CHARACTERISTICS:

1. MAIN BODY PART MATERIAL
INSULATOR:PBT GREY UL94V-0
CONTACT TERMINAL:COPPER ALLOY,1.27μm Ni UNDER PLATED,
OUTER PLATING SEE TABLE.
2. ELECTRICAL REQUIREMENTS:
CURRENT RATING: 1.5 A(at 20°C)
CONTACT RESISTANCE: ≤20 mΩ
INSULATION RESISTANCE: ≥10000 MΩ
3. MECHANICAL REQUIREMENTS
INSERTION FORCE: ≤0.94 N/pin
EXTRACTION FORCE: 0.15 N/pin
4. ENVIRONMENT SPECIFICATION
WORKING TEMPERATURE: -55°C~+125°C
5. APPLICABLE STANDARD: DIN41612
6. PACKING & STORING
METHOD OF PACKING:BOX, INNER BOX, OUTER BOX
STORING CONDITION: TEMPERATURE OF -10°C~+40°C
BELOW 80% RELATIVE HUMIDITY
7. STYLE OF INSTALLATION: SOLDER PCB INSTALLATION
8. TO PREVENT THE POLLUTION OF THE ENVIRONMENT PRODUCT INFO
RoHS AGREEMENT:IN LINE WITH THE EUROPEAN UNION RoHS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN KISHAN W 30AUG2024		TE Connectivity													
		CHK PRAVEEN V 06SEP2024															
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.50 1 PLC ± 0.38 2 PLC ± 0.25 3 PLC ± — 4 PLC ± — ANGLES ± 3°		NAME DIN 41612 CONN. B TYPE FEMALE SOLDER TAIL —													
																	
MATERIAL SEE TABLE		FINISH —		APVD SATHISH PS 06SEP2024		PRODUCT SPEC —		APPLICATION SPEC —		SIZE A3		CAGE CODE 00779		DRAWING NO C-2489559		RESTRICTED T —	
CUSTOMER DRAWING						SCALE NTS		SHEET 2 OF 2		REV A							