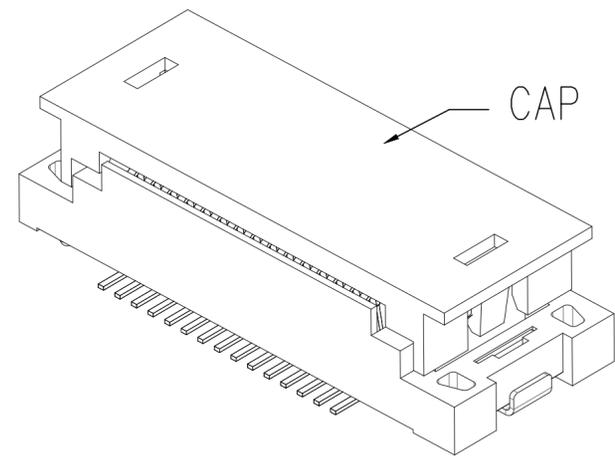
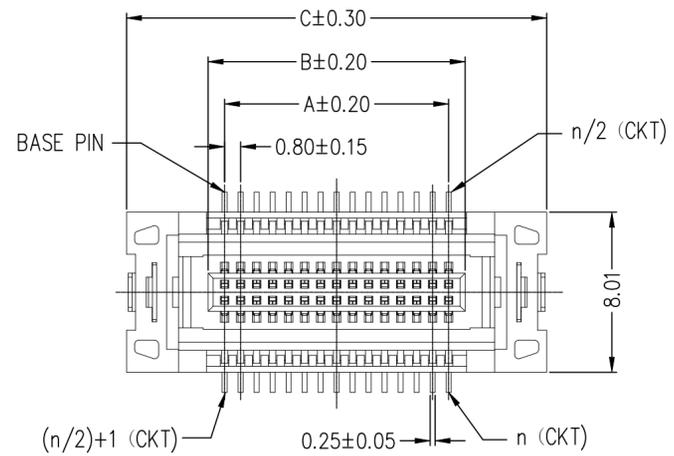
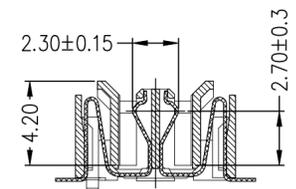
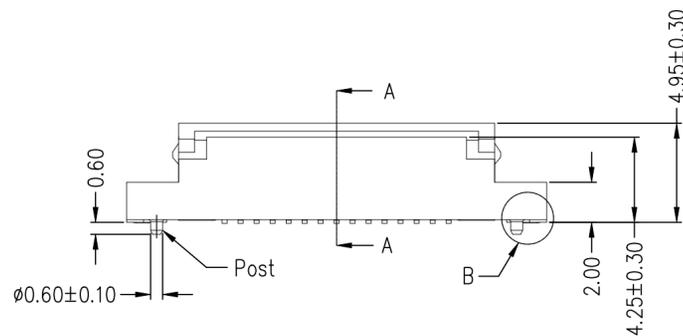
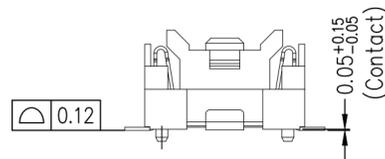


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A1		REVISED PER ECN-25-354741	18NOV2025	MK	SSM

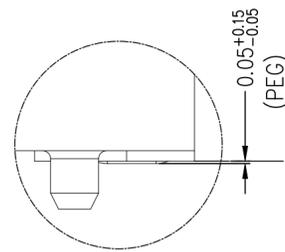
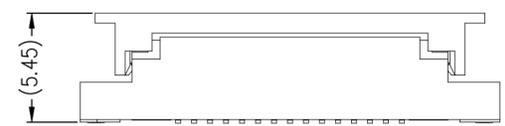
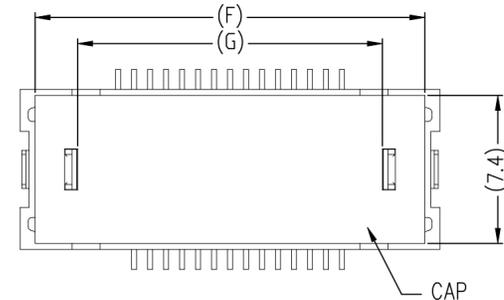


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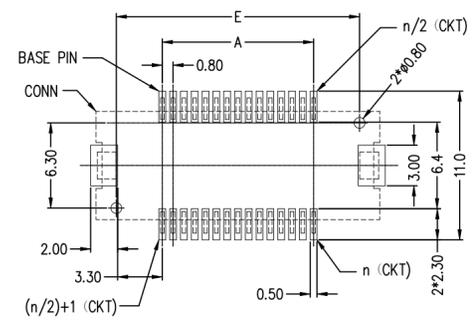
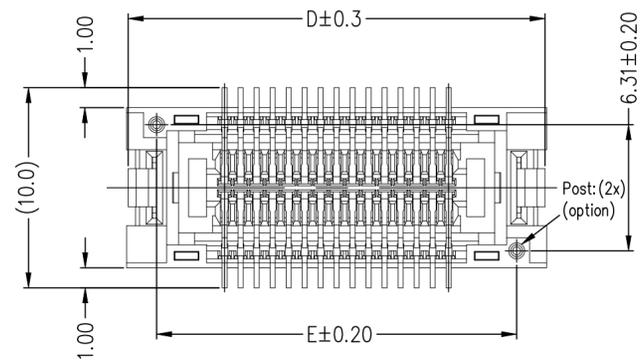
- MATERIAL:
  - 1, HOUSING : THERMOPLASTIC UL-94-V-0 BLACK
  - 2, CAP : THERMOPLASTIC UL-94-V-0 NATURAL
  - 3, CONTACT & PEG - COPPER ALLOY  
 PLATING - PEG : 2.5µm MIN Sn OVER 1.25µm MIN Ni  
 PLATING - CONTACT : 0.075µm GOLD OVER Ni
- ELECTRICAL :
  - CONTACT RESISTANCE - 100 mΩ MAX (INITIAL)  
 - 120 mΩ MAX (FINAL)
  - CONTACT RATING - 0.5Amp
  - INSULATION RESISTANCE- 500 MΩ
  - DIELECTRIC VOLTAGE -250V AC
- ENVIRONMENTAL :
  - OPERATION TEMPERATURE- -40 +125°C
  - SOLDERING PROCESS CAPABILITY - 260°C
- MECHANICAL LIFE : 50 CYCLES
  - INSERTION FORCE - 2.45N/PIN MAX
  - WITHDRAWAL FORCE - 0.05N/PIN MIN



SECTION: A-A



Detail B  
Scale 4:1



Recommended P.C.B layout(Top side)  
(PCB board tolerance±0.05 )

PART NUMBER	No.of Pins	A	B	C	D	E	F	G
2487492-3	30	11.2	12.8	21.0	20.8	18.0	19.5	15.3
2487492-4	40	15.2	16.8	25.0	24.8	22.0	23.5	19.3
2487492-5	50	19.2	20.8	29.0	28.8	26.0	27.5	23.3
2487492-6	60	23.2	24.8	33.0	32.8	30.0	31.5	27.3
2487492-7	70	27.2	28.8	37.0	36.8	34.0	35.5	31.3
2487492-8	80	31.2	32.8	41.0	40.8	38.0	39.5	35.3
1-2487492-0	100	39.2	40.8	49.0	48.8	46.0	47.5	43.3
1-2487492-2	120	47.2	48.8	57.0	56.8	54.0	55.5	51.3

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	26JUN2024			NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=4.95MM		
DIMENSIONS: mm		CHK	26JUN2024					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	26JUN2024					
0 PLC ± 0.50 1 PLC ± 0.30 2 PLC ± 0.20 3 PLC ± - 4 PLC ± - ANGLES ± 1°		PRODUCT SPEC						
MATERIAL		FINISH		APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
-		-		-	A2	00779	C=2487492	-
CUSTOMER DRAWING				WEIGHT	0	SCALE	1:1	SHEET
							1 of 4	REV
								A1

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

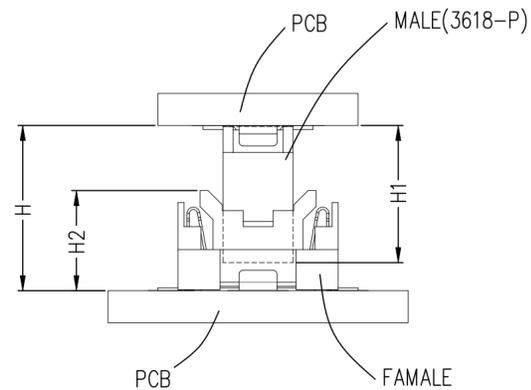
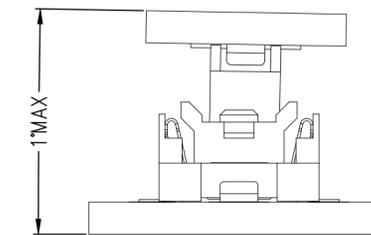
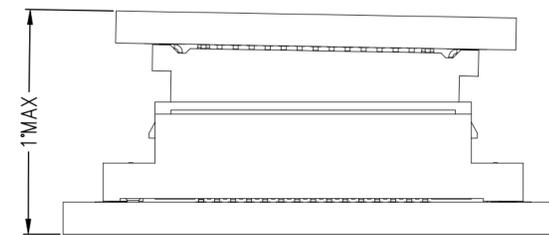


Table 2:

PART NO.	ASS'Y HELGHT (H)	MALE HELGHT (H1)	FEMALE HELGHT (H2)
X-2487671-X	6.25	4.8	4.95
X-2487877-X	8.25	6.8	
X-2487881-X	9.25	7.8	



MATING ANGLE

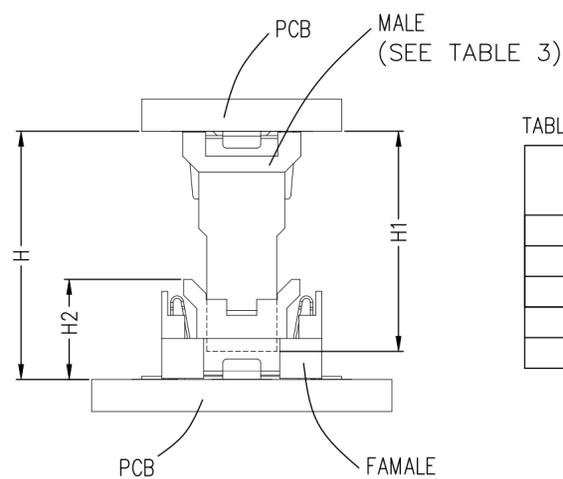
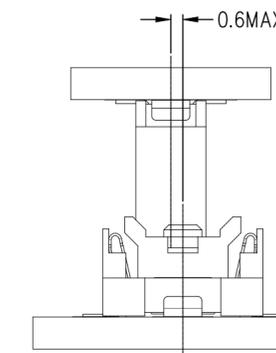
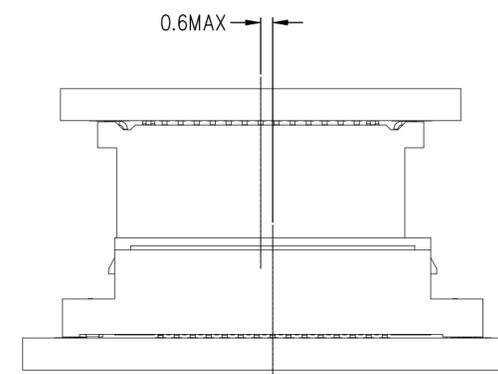


TABLE 3:

PART NO.	ASS'Y HELGHT (H)	MALE HELGHT (H1)	FEMALE HELGHT (H2)
X-2487884-X	12.4	10.95	4.95
X-2487886-X	14.5	13.05	
X-2487883-X	16.0	14.55	
X-2487887-X	17.25	15.8	
X-2487888-X	21.2	19.75	



GUIDING LOCATION

THE MAXIMUM INSERTION FORCE IS SHOWN IN TABLE BELOW:

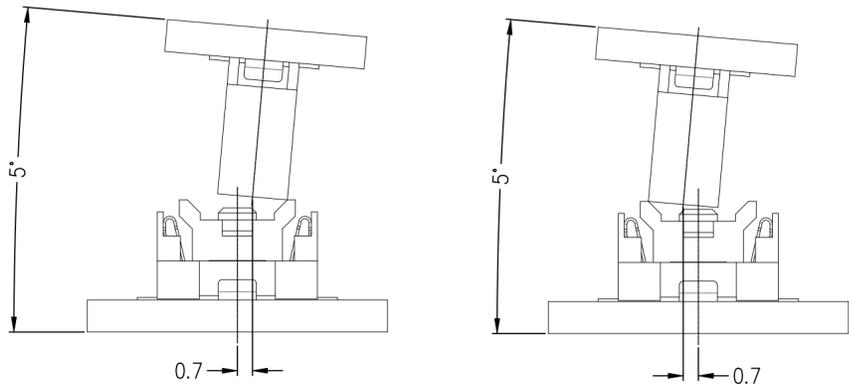
NO.OF PINS:	30	40	50	60	70	80
COMBINATION (N)	60	90	120	150	180	210

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUJANLAL 26JUN2024																
DIMENSIONS: mm		CHK SUJANLAL 26JUN2024																
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=4.95MM															
<table border="0"> <tr> <td>0 PLC</td> <td>± 0.50</td> </tr> <tr> <td>1 PLC</td> <td>± 0.30</td> </tr> <tr> <td>2 PLC</td> <td>± 0.20</td> </tr> <tr> <td>3 PLC</td> <td>± -</td> </tr> <tr> <td>4 PLC</td> <td>± -</td> </tr> <tr> <td>ANGLES</td> <td>± 1°</td> </tr> </table>		0 PLC	± 0.50	1 PLC	± 0.30	2 PLC	± 0.20	3 PLC	± -	4 PLC	± -	ANGLES	± 1°	PRODUCT SPEC	SIZE A2			
0 PLC	± 0.50																	
1 PLC	± 0.30																	
2 PLC	± 0.20																	
3 PLC	± -																	
4 PLC	± -																	
ANGLES	± 1°																	
MATERIAL		FINISH	APPLICATION SPEC	CAGE CODE 00779	DRAWING NO C=2487492	RESTRICTED TO												
-		-	WEIGHT 0	SCALE 1:1	SHEET 2 OF 4	REV A1												
CUSTOMER DRAWING																		

REVISIONS

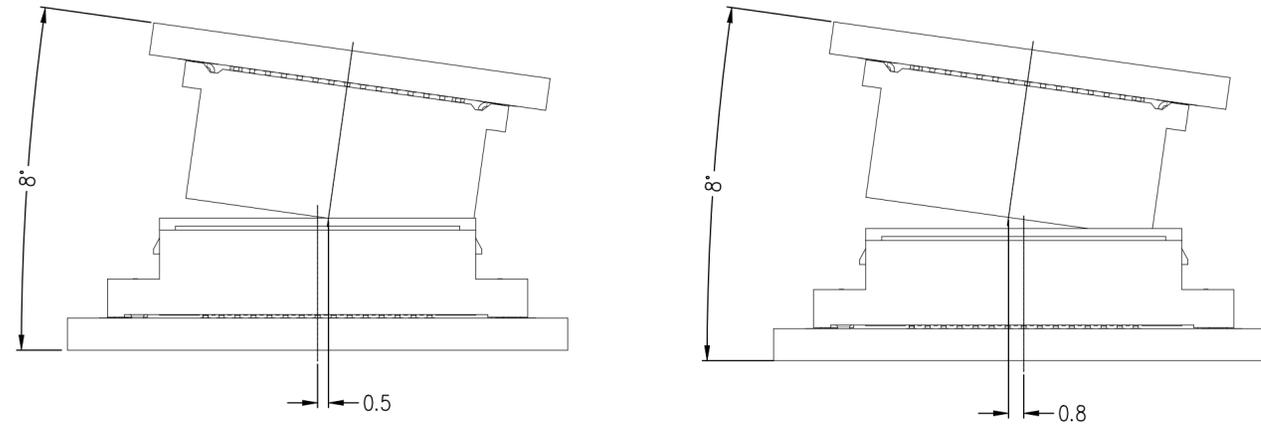
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

GUIDING LOCATION



ALLOWABLE OFFSET DISTANCE IS 0.7MM MAX

GUIDING LOCATION

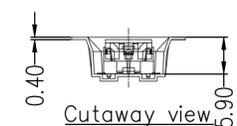
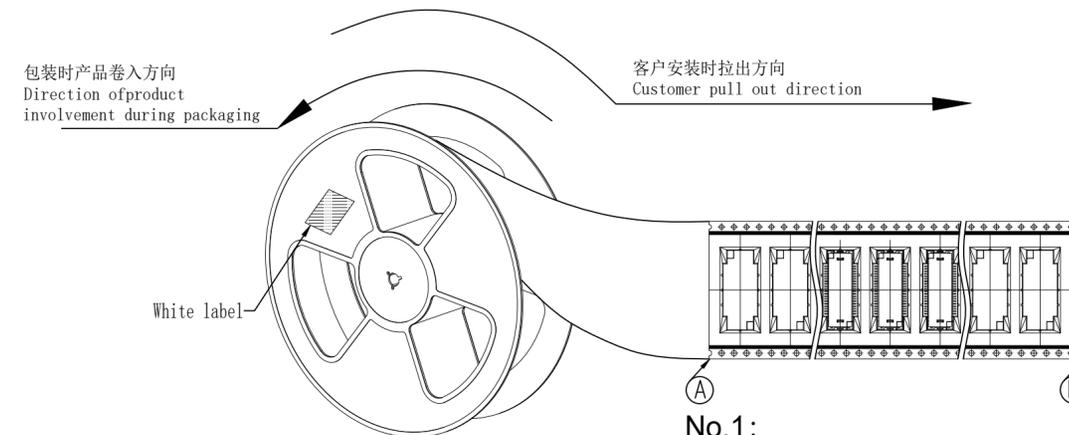
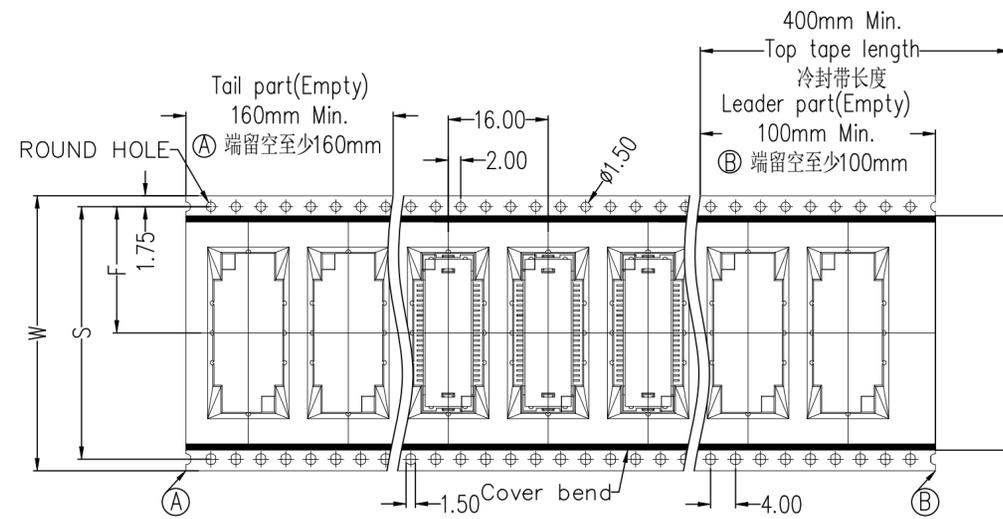


ALLOWABLE OFFSET DISTANCE IS 0.5MM MAX

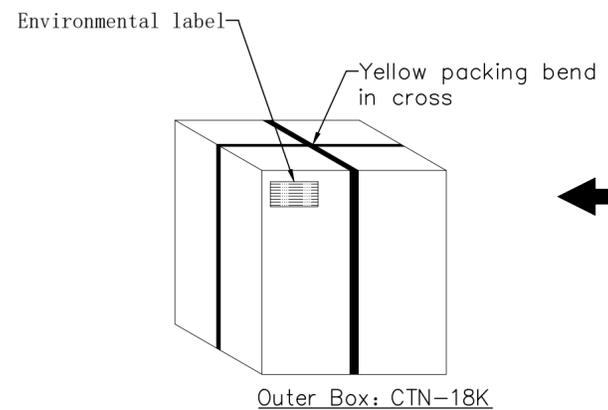
2487492

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUJANLAL 26JUN2024			
DIMENSIONS: mm		CHK SUJANLAL 26JUN2024			
		APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=4.95MM		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	SIZE A2	CAGE CODE 00779	DRAWING NO C=2487492
0 PLC ± 0.50		APPLICATION SPEC	RESTRICTED TO	-	
1 PLC ± 0.30		WEIGHT 0	SCALE 1:1	SHEET 3 of 4	REV A1
2 PLC ± 0.20		CUSTOMER DRAWING			
3 PLC ± -					
4 PLC ± -					
ANGLES ± 1°					
FINISH					

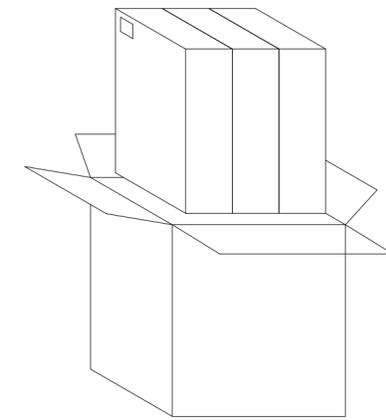
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



**No.1:**  
Before package, pay attention to leave more than 160mm(min) empty, after put the products into the carrier groove, packing with the cover bend then,  
Note: the tension between tape and cover bend is 30g~120g



**No.4:**  
Seal,pack,label.



**No.2:**  
Pack the reel in the PE-32 waterproof bag packing, put 1pcs drying agent, seal it with vacuum machine and put it into the inner box, seal it with sealing glue, with labels.

**No.3:**  
Put inner box into outer box, (3pcs inner box/outer box) pay attention to the unified label direction.

PIN	TE P/N	W	S	F	PCS/Reel	PCS/Inner Box	PCS/Outer Box
30	2487492-3	44.0±0.30	40.40±0.15	20.20±0.15	600	1200	3600
40	2487492-4	44.0±0.30	40.40±0.15	20.20±0.15	600	1200	3600
50	2487492-5	44.0±0.30	40.40±0.15	20.20±0.15	600	1200	3600
60	2487492-6	56.0±0.30	52.40±0.15	26.20±0.15	600	600	1800
70	2487492-7	56.0±0.30	52.40±0.15	26.20±0.15	600	600	1800
80	2487492-8	56.0±0.30	52.40±0.15	26.20±0.15	600	600	1800
100	1-2487492-0	72.0±0.30	68.40±0.15	34.20±0.15	600	600	1800
120	1-2487492-2	72.0±0.30	68.40±0.15	34.20±0.15	600	600	1800

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUJANLAL 26JUN2024		
DIMENSIONS: mm		CHK SUJANLAL 26JUN2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SATHISH 26JUN2024	NAME 0.8MM BOARD TO BOARD CONN.SOCKET SMT TYPE H=4.95MM	
0 PLC ± 0.50		PRODUCT SPEC	SIZE A2	
1 PLC ± 0.30		APPLICATION SPEC	CAGE CODE 00779	DRAWING NO C=2487492
2 PLC ± 0.20		WEIGHT 0	RESTRICTED TO	
3 PLC ± -		CUSTOMER DRAWING	SCALE 1:1	SHEET 4 OF 4
4 PLC ± -			REV A1	
ANGLES ± 1°				
FINISH				