

Customer Information Sheet

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

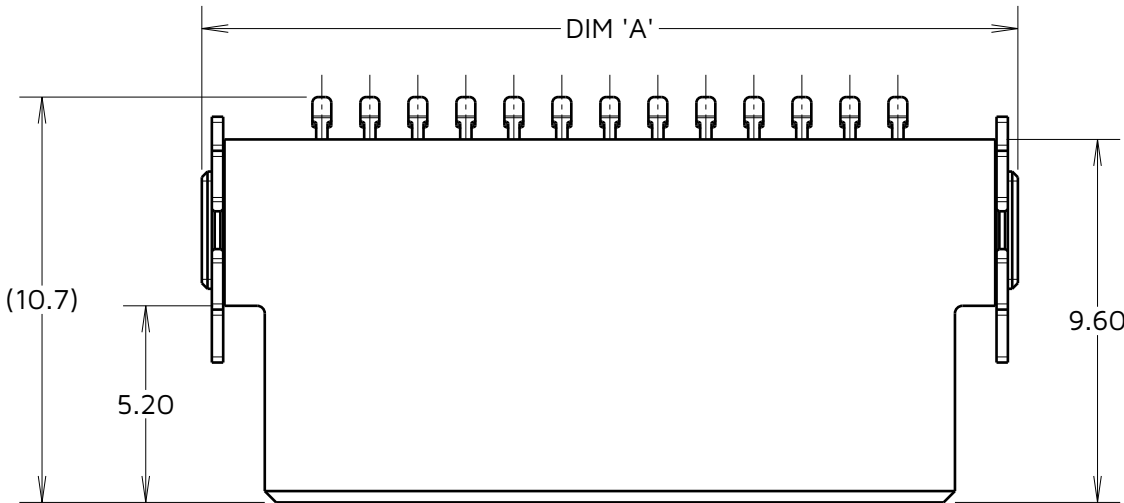
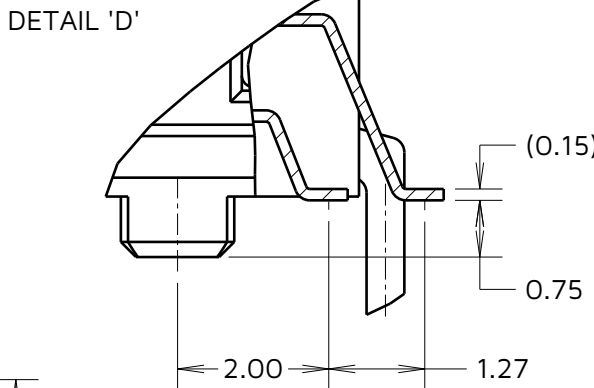
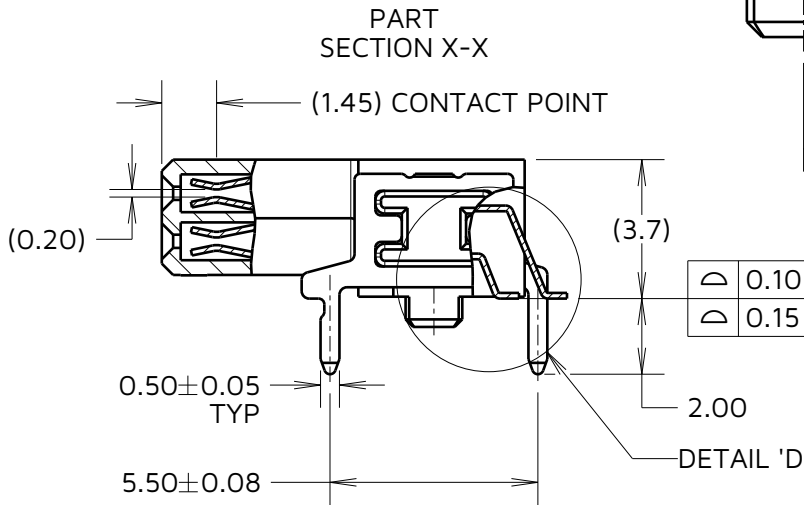
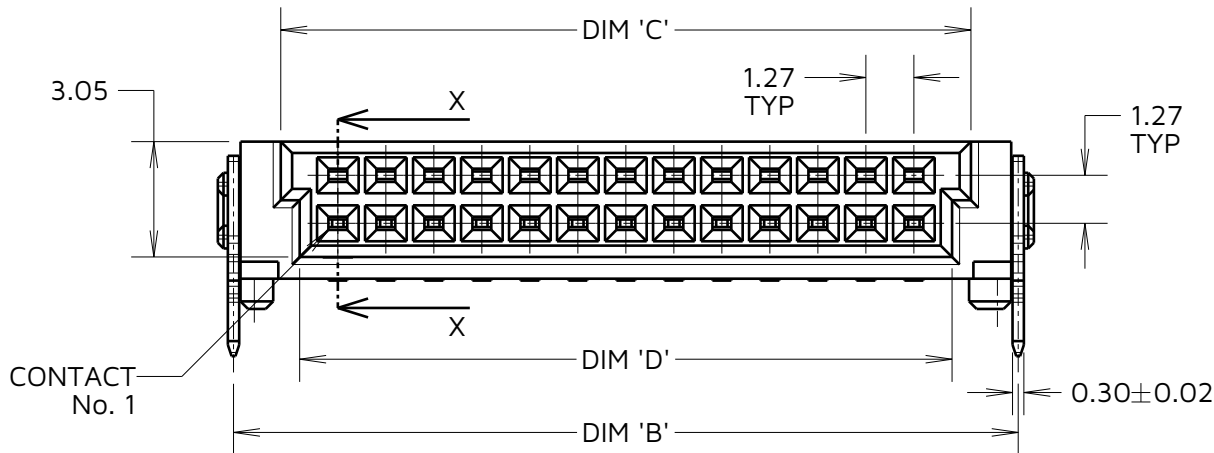
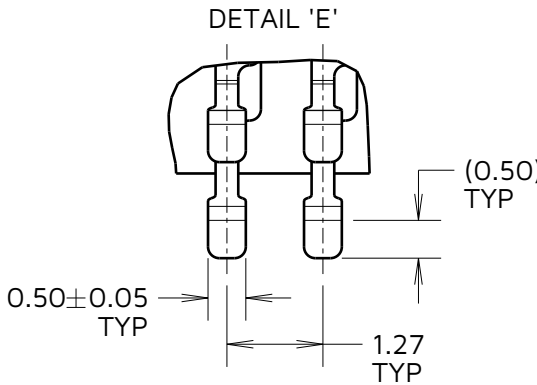
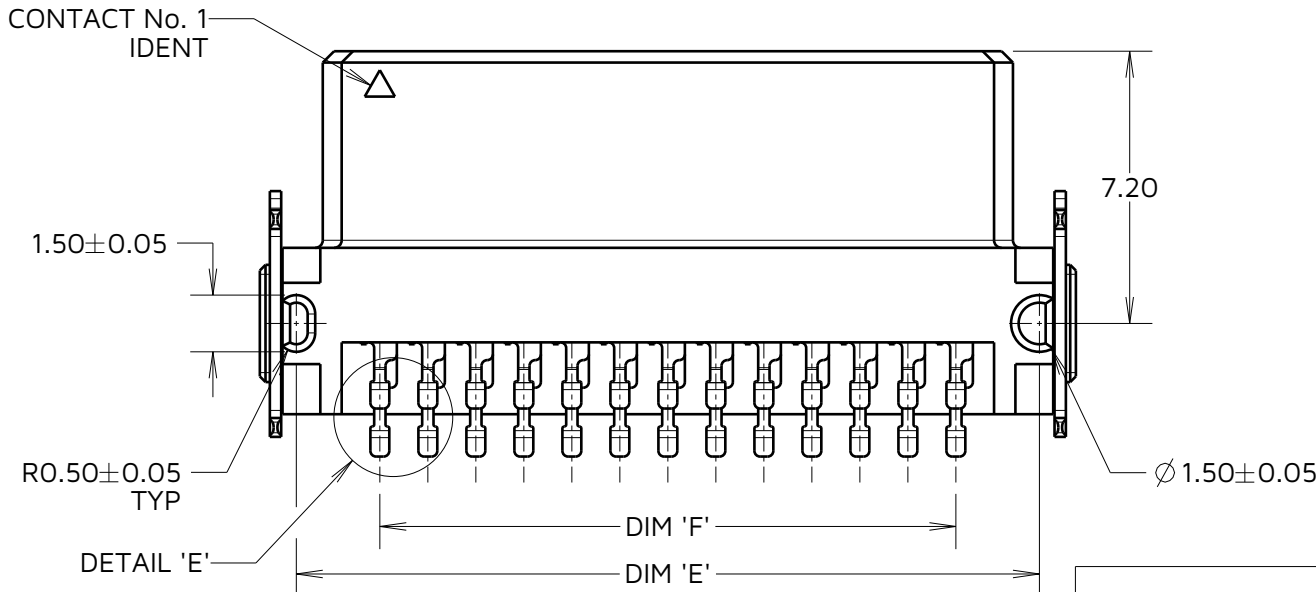


TABLE 1: CONNECTOR DIMENSIONS						
PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
M55-6151242R	12.70	11.87	9.37	8.37	10.77	6.35
M55-6151642R	15.24	14.41	11.91	10.91	13.31	8.89
M55-6152042R	17.78	16.95	14.45	13.45	15.85	11.43
M55-6152642R	21.59	20.76	18.26	17.26	19.66	15.24
M55-6153242R	25.40	24.57	22.07	21.07	23.47	19.05
M55-6154042R	30.48	29.65	27.15	26.15	28.55	24.13
M55-6155042R	36.83	36.00	33.50	32.50	34.90	30.48
M55-6156842R	48.26	47.43	44.93	43.93	46.33	41.91
M55-6158042R	55.88	55.05	52.55	51.55	53.95	49.53



ORDER CODE:
M55-615XX42R

TOTAL No. OF CONTACTS
12, 16, 20, 26, 32, 40, 50, 68, 80



SPECIFICATIONS:
MATERIAL:
HOUSING = HIGH TEMP, LCP, UL94V-0
CONTACT = PHOSPHOR BRONZE
RETAINING STRAP = BRASS
PLATING:
CONTACT = GOLD OVER NICKEL ON CONTACT AREA,
TIN OVER NICKEL ON TAILS
RETAINING STRAP = TIN OVER NICKEL
PACKING:
TAPE & REEL
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C047XX (LATEST ISSUE)

NOTES:
1. FOR TAPE AND REEL DETAILS SEE SHEET 4.
2. FOR PCB LAYOUT SEE SHEET 5.
3. ALL TOLERANCES ARE ±0.20, UNLESS OTHERWISE STATED.

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TOLERANCES
X = ±1mm
X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

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MATERIAL & FINISH:

SEE ABOVE

TITLE: **KONTROL 1.27mm PITCH
RIGHT-ANGLE FEMALE
RECEPTACLE THR ASSEMBLY**

DRAWING NUMBER:
M55-615XX42R

SHT
3
OF
5

RA	2	06.06.25	36141
NAME	ISS.	DATE	CN/CO
APPROVED: R.ALEXANDER			
CHECKED:		J.DEAN	
DRAWN:		R.ALEXANDER	

Customer Information Sheet

IF IN DOUBT - ASK

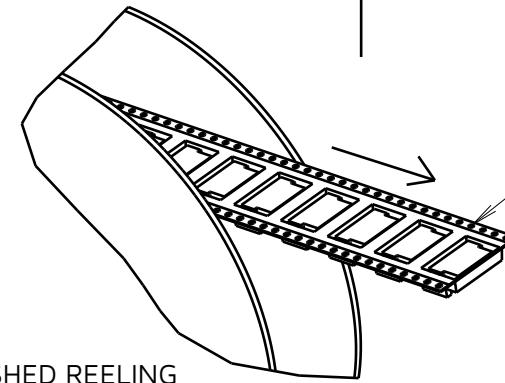
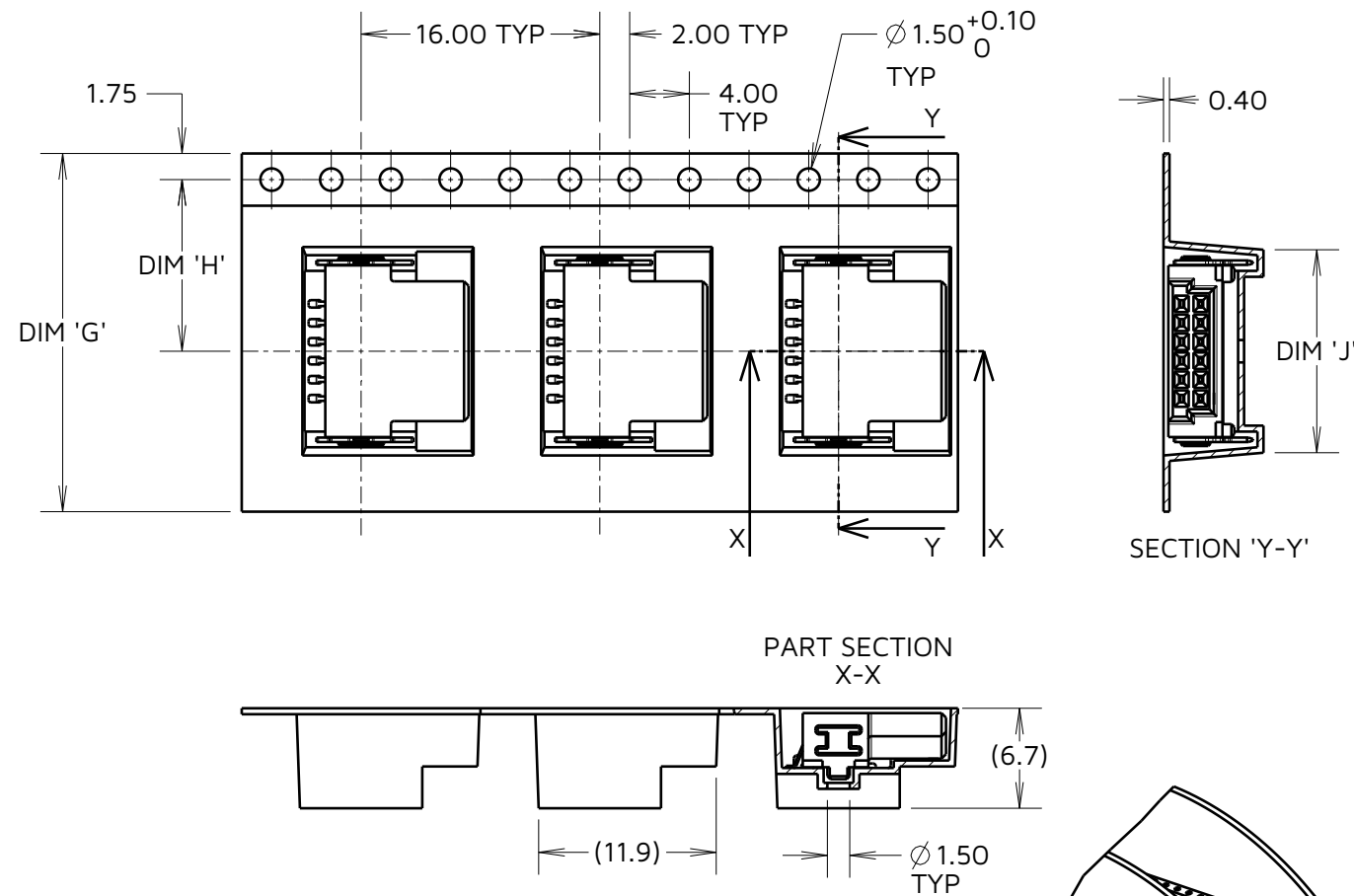
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NOT TO SCALE

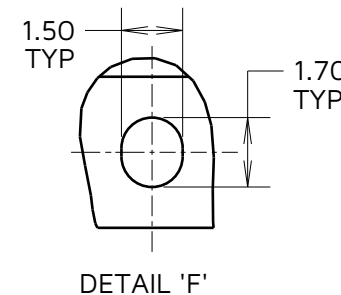
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

TAPE DETAILS FOR 12 TO 16 CONTACT CONNECTORS

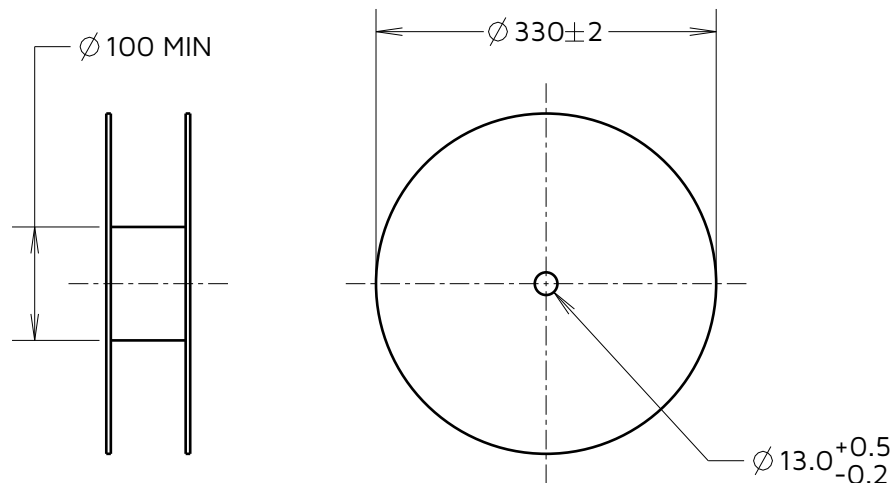


FINISHED REELING
DIRECTION



DETAIL 'F'

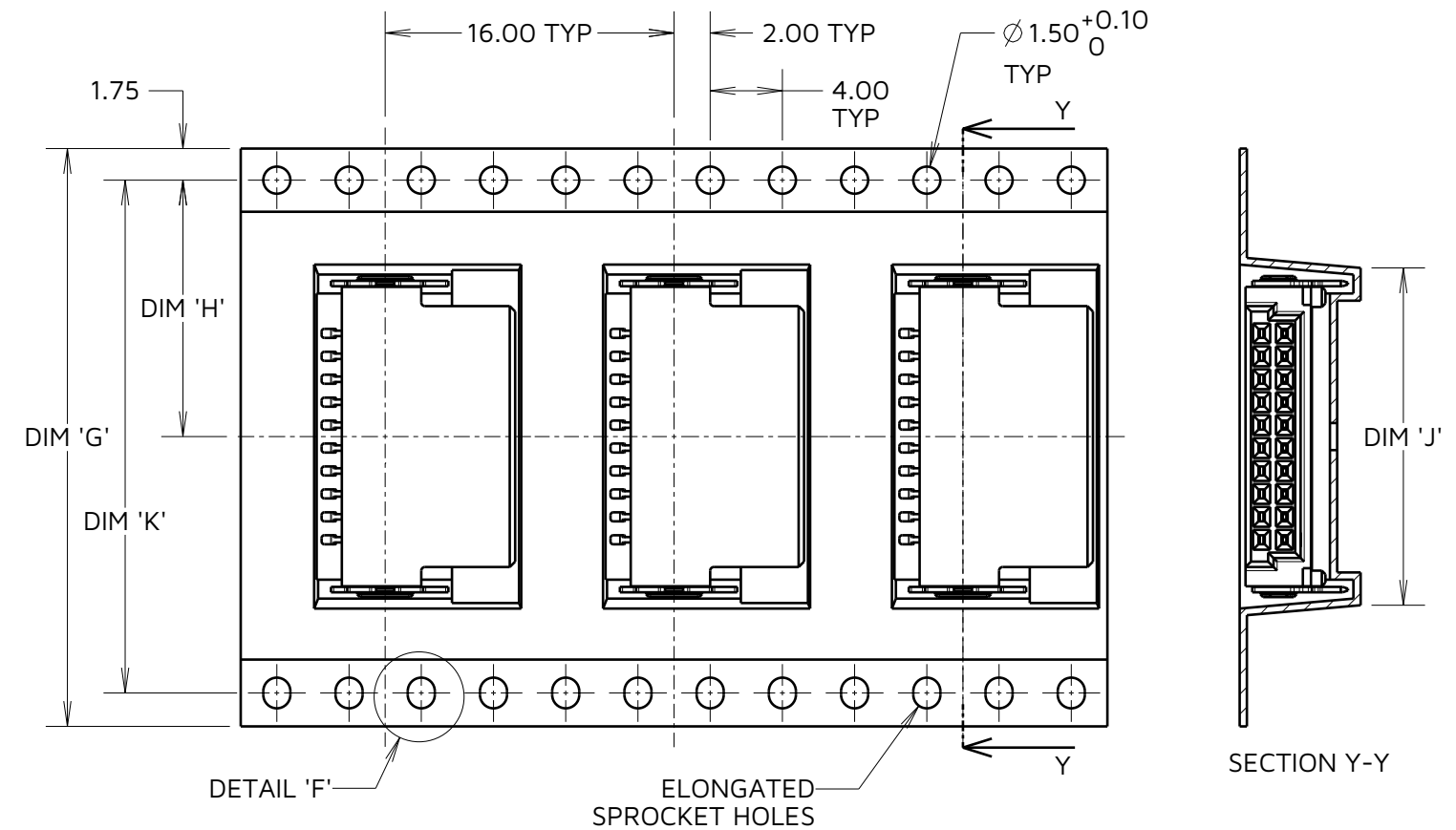
REEL DETAILS



NOTES:

- NOTES:
4. PRODUCT TAPE AND REELED IN GENERAL ACCORDANCE WITH EIA-481 (ELECTRICAL INDUSTRIES ASSOCIATION).
 5. FOR COMPONENT LEVEL DETAILS SEE SHEET 3.
 6. FOR PCB LAYOUT SEE SHEET 5.

TAPE DETAILS FOR 20 TO 80 CONTACT CONNECTORS



—ROUND HOLES
THIS SIDE

ORDER CODE:

M55-615XX42R

TOTAL No. OF CONTACTS —
12, 16, 20, 26, 32, 40, 50, 68, 80

TABLE 2: PACKING TAPE DETAILS

PART No.	DIMENSIONS				PACK QTY (PCS)
	DIM 'G' ±0.30	DIM 'H'	DIM 'J'	DIM 'K'	
M55-6151242R	24.00	11.50	13.6	-	550
M55-6151642R	24.00	11.50	16.1	-	550
M55-6152042R	32.00	14.20	18.7	28.40	550
M55-6152642R	44.00	20.20	22.5	40.40	550
M55-6153242R	44.00	20.20	26.3	40.40	550
M55-6154042R	44.00	20.20	31.4	40.40	550
M55-6155042R	56.00	26.20	37.7	52.40	550
M55-6156842R	72.00	34.20	49.2	68.40	550
M55-6158042R	72.00	34.20	56.8	68.40	550

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DRAWN:		R.ALEXANDER	

TITLE: KONTROL 1.27mm PITCH
RIGHT-ANGLE FEMALE
RECEPTACLE THR ASSEMBLY

DRAWING NUMBER:
M55-615XX42R

SHT
4
OF 5

HARWIN

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TOLERANCES

 ~~$X = \pm 1\text{mm}$
 $X.X = \pm 0.50\text{mm}$
 $X.XX = \pm 0.20\text{mm}$
 $X.XXX = \pm 0.01\text{mm}$~~

~~ANGLES = $\pm 5^\circ$
UNLESS STATED~~

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MATERIAL & FINISH:

SEE SHEET 3

TITLE: KONTROL 1.27mm PITCH
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RECEPTACLE THR ASSEMBLY

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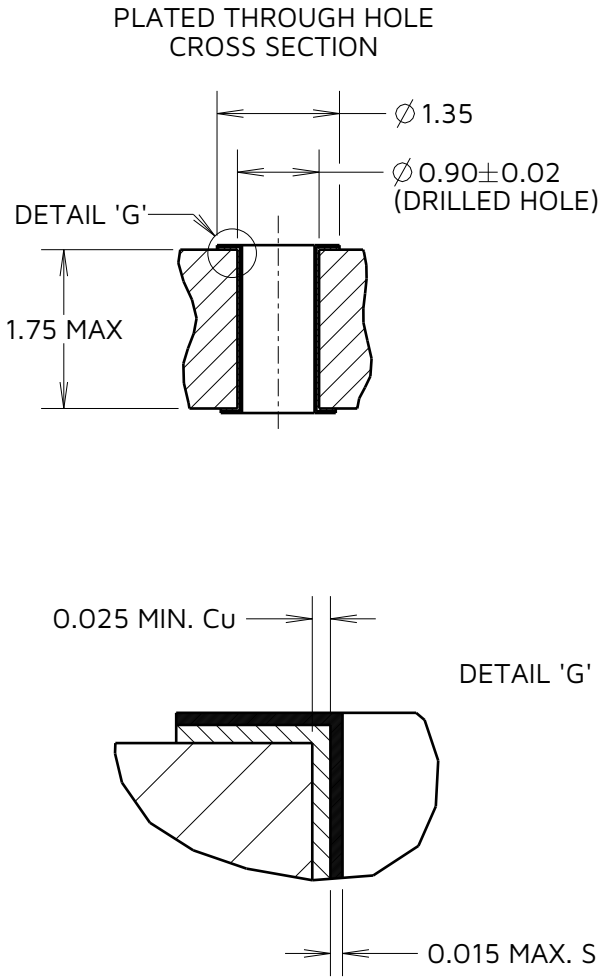
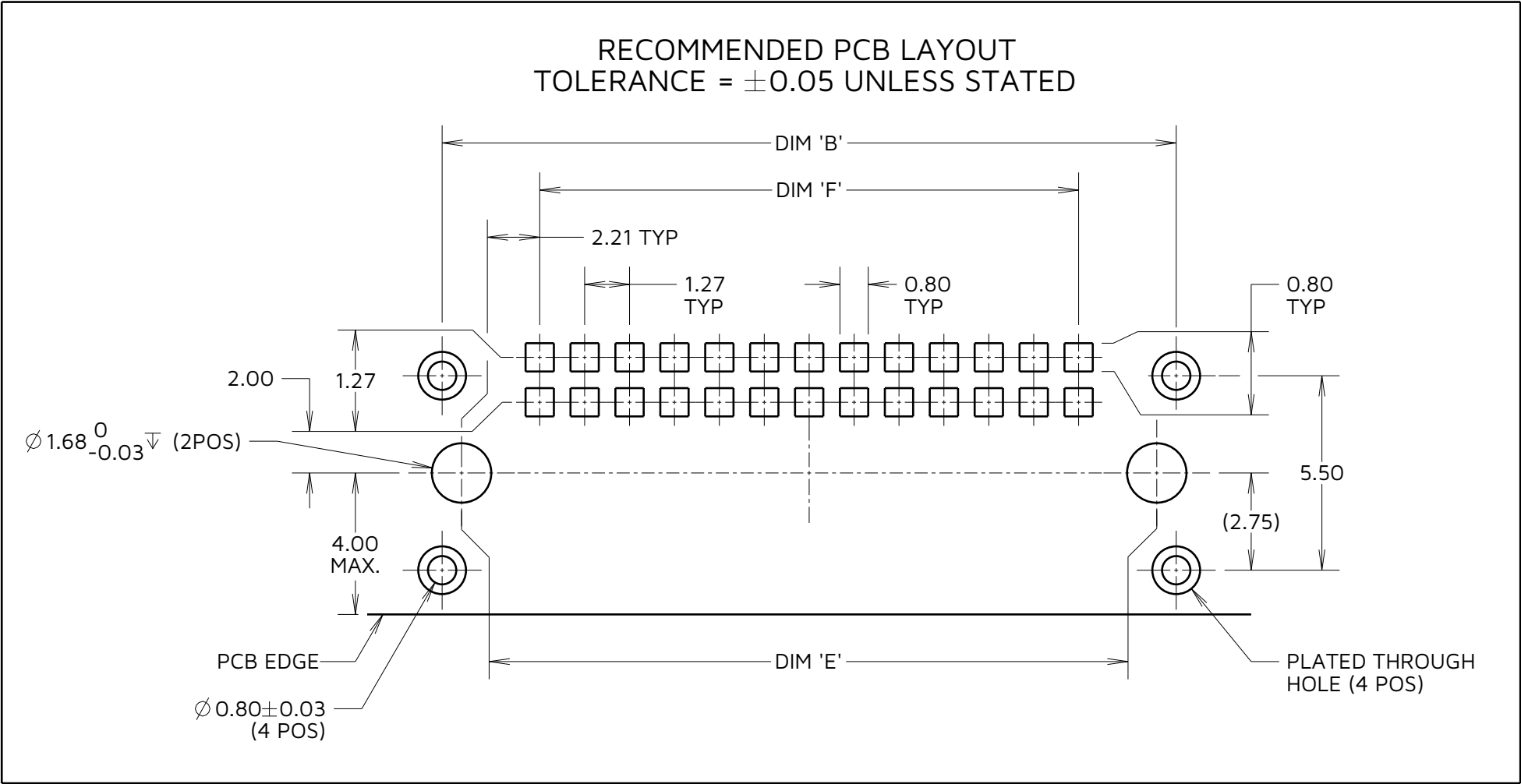


TABLE 3: PCB DIMENSIONS

PART No.	DIM 'B'	DIM 'E'	DIM 'F'
M55-6151242R	11.87	10.77	6.35
M55-6151642R	14.41	13.31	8.89
M55-6152042R	16.95	15.85	11.43
M55-6152642R	20.76	19.66	15.24
M55-6153242R	24.57	23.47	19.05
M55-6154042R	29.65	28.55	24.13
M55-6155042R	36.00	34.90	30.48
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5
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