

Customer Information Sheet

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

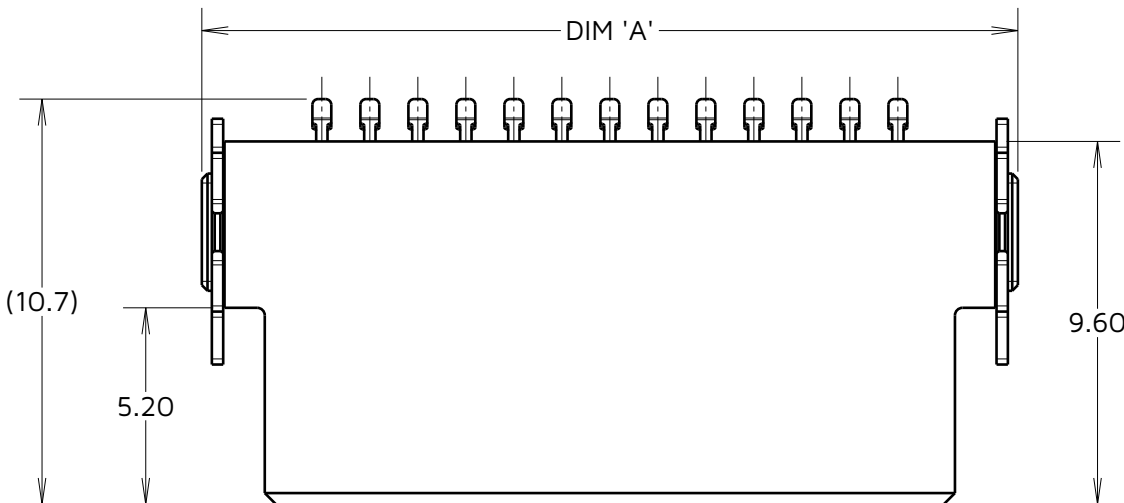
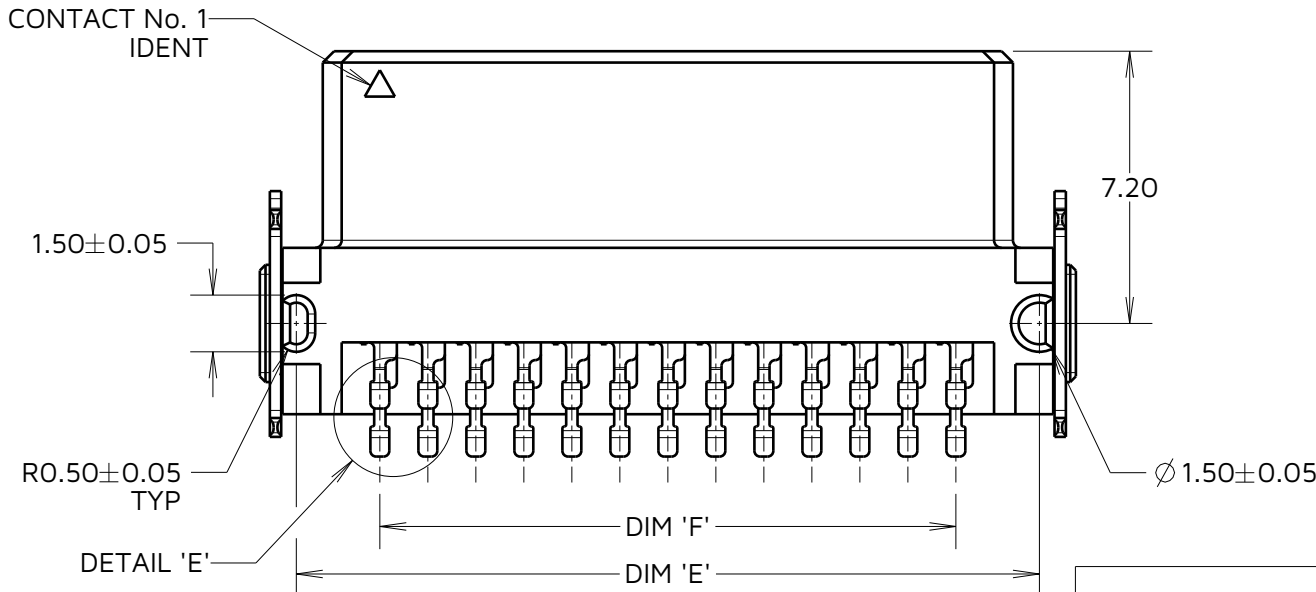
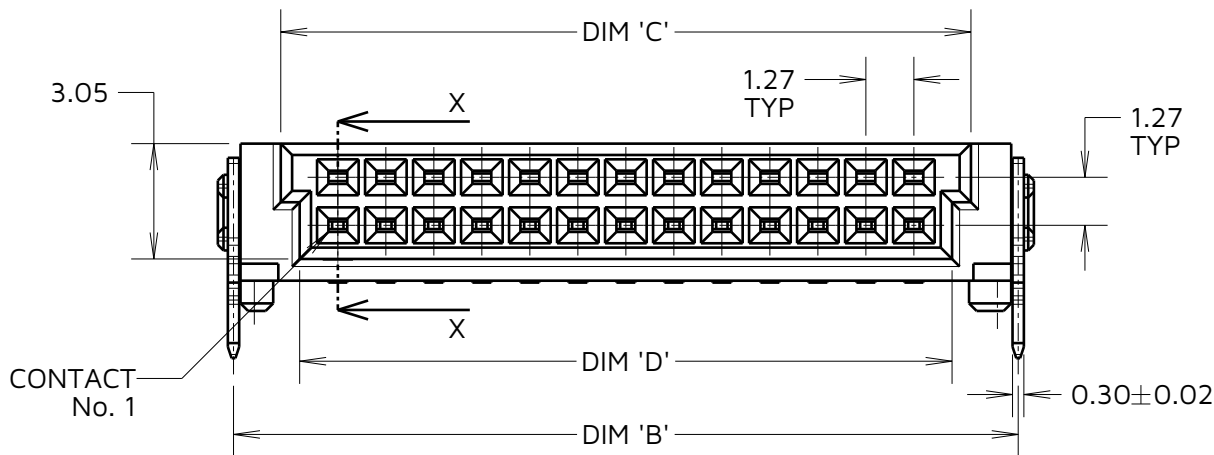
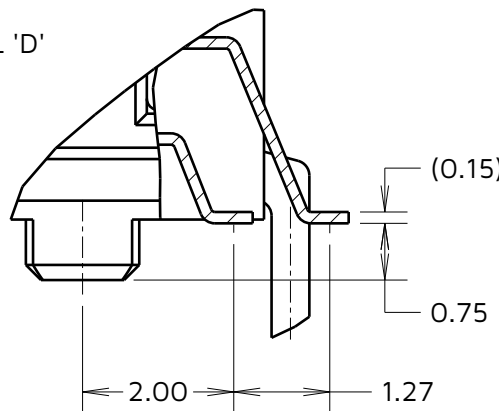


TABLE 1: CONNECTOR DIMENSIONS						
PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
M55-6151242R	12.70	11.87	9.37	8.37	10.77	6.35
M55-6151642R	15.24	14.41	11.91	10.91	13.31	8.89
M55-6152042R	17.78	16.95	14.45	13.45	15.85	11.43
M55-6152642R	21.59	20.76	18.26	17.26	19.66	15.24
M55-6153242R	25.40	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

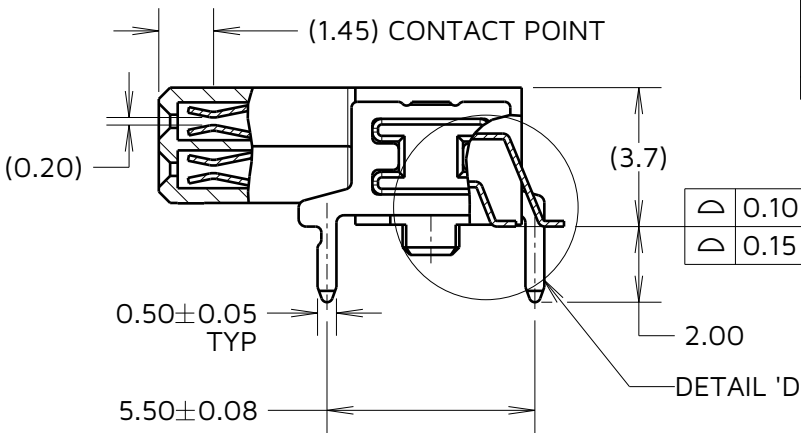


- NOTES:
- FOR TAPE AND REEL DETAILS SEE SHEET 4.
 - FOR PCB LAYOUT SEE SHEET 5.
 - ALL TOLERANCES ARE ± 0.20 , UNLESS OTHERWISE STATED.

DETAIL 'D'



PART SECTION X-X



△ 0.10	12-50 CONTACTS
△ 0.15	68-80 CONTACTS

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)

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

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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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ANY OTHER PURPOSE WITHOUT THEIR
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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

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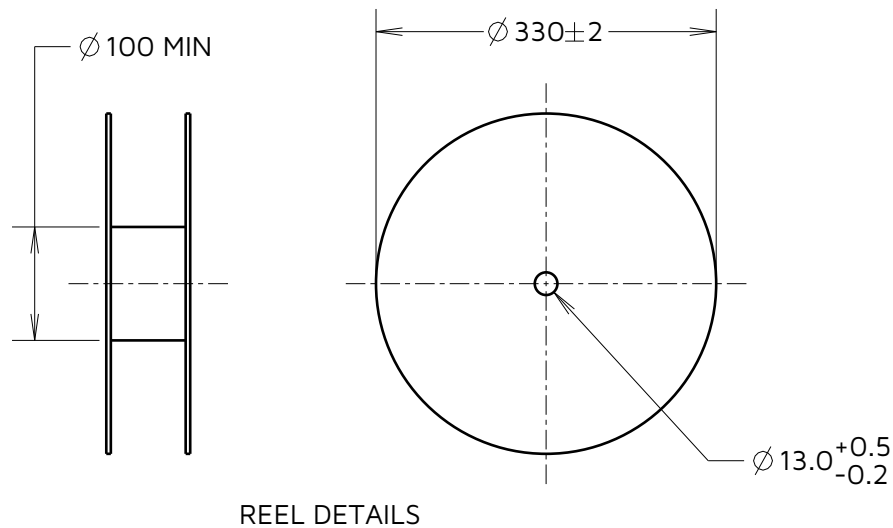
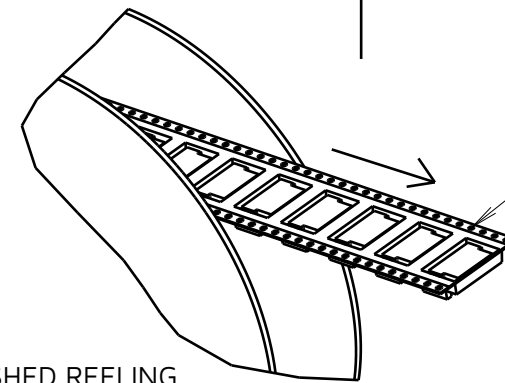
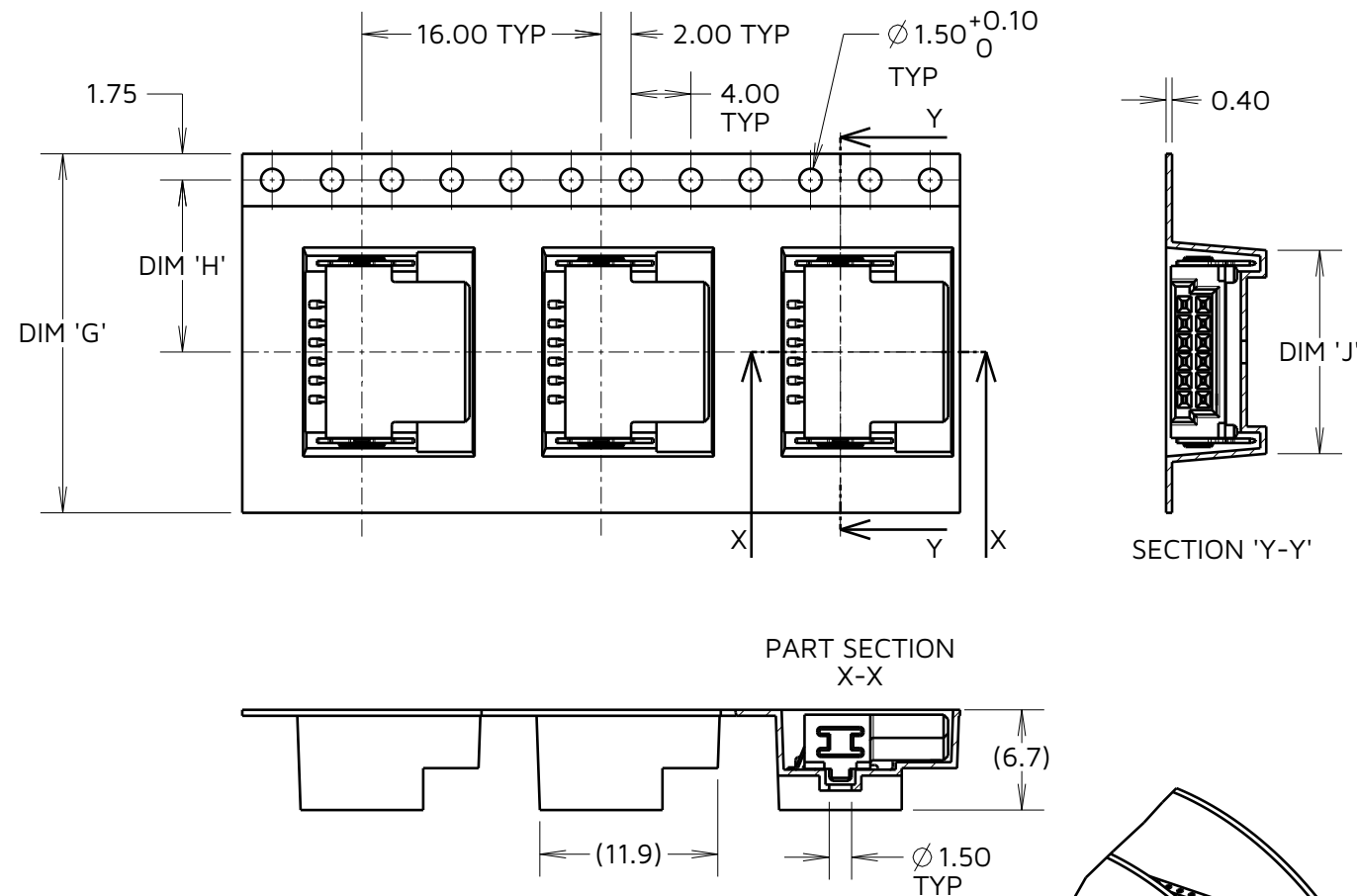
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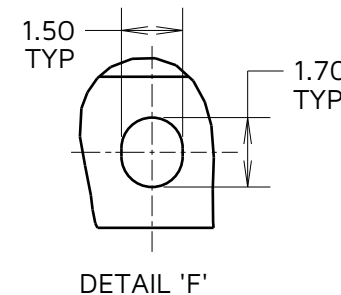
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

TAPE DETAILS FOR 12 TO 16 CONTACT CONNECTORS

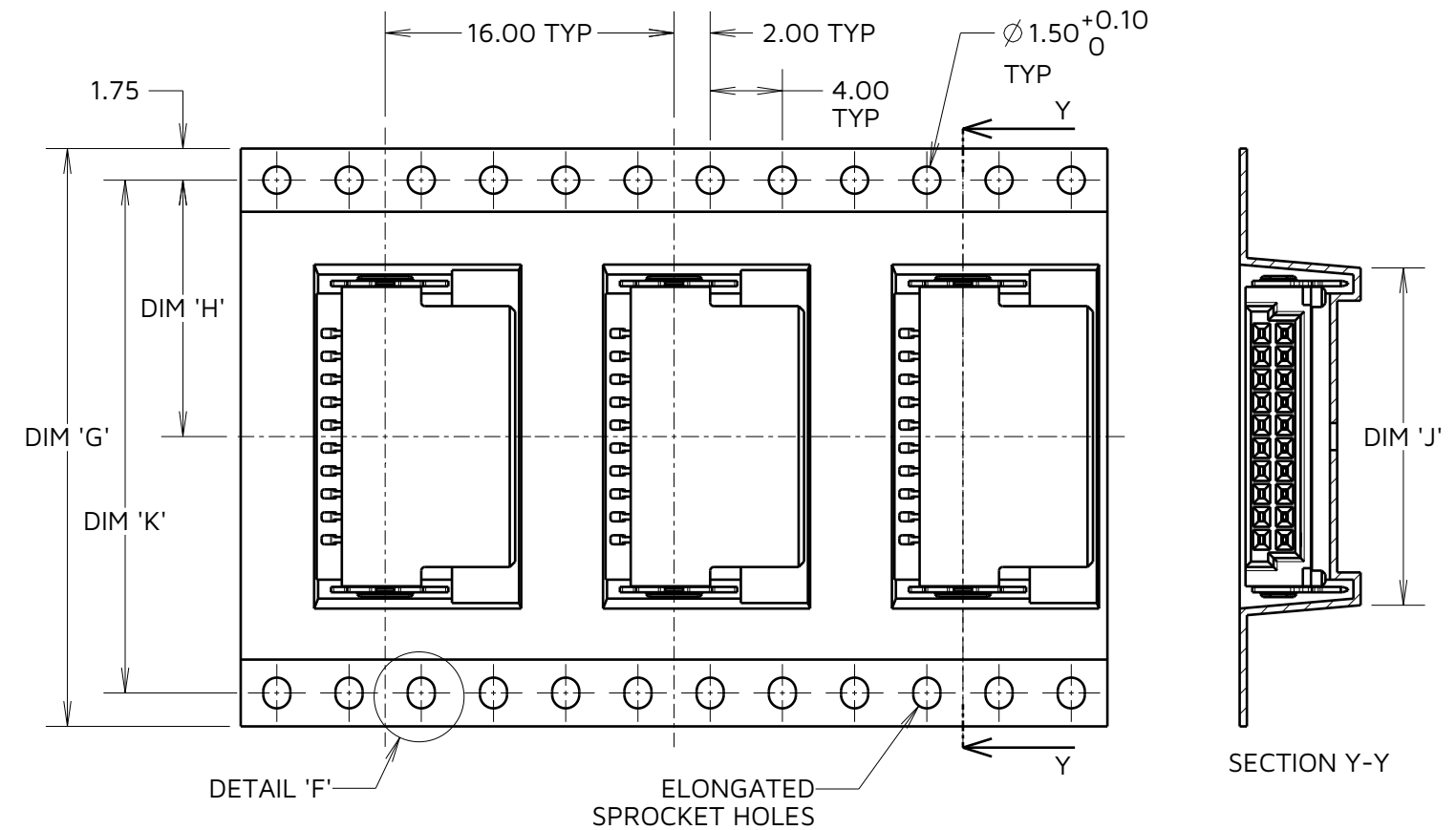


REEL DETAILS



DETAIL 'F'

TAPE DETAILS FOR 20 TO 80 CONTACT CONNECTORS



ORDER CODE:	M55-615XX42R
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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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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.

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MATERIAL & FINISH:

SEE SHEET 3

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RIGHT-ANGLE FEMALE
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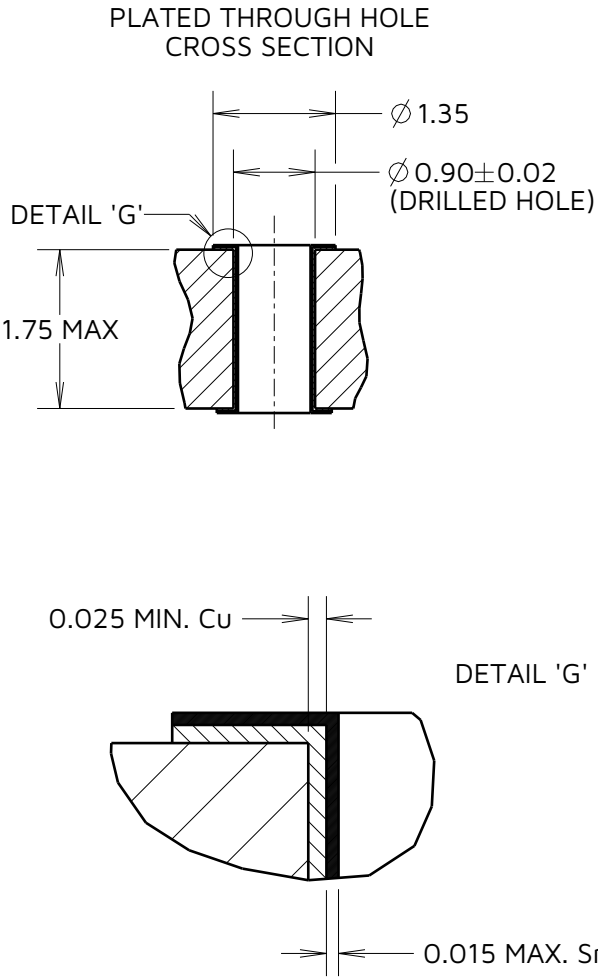
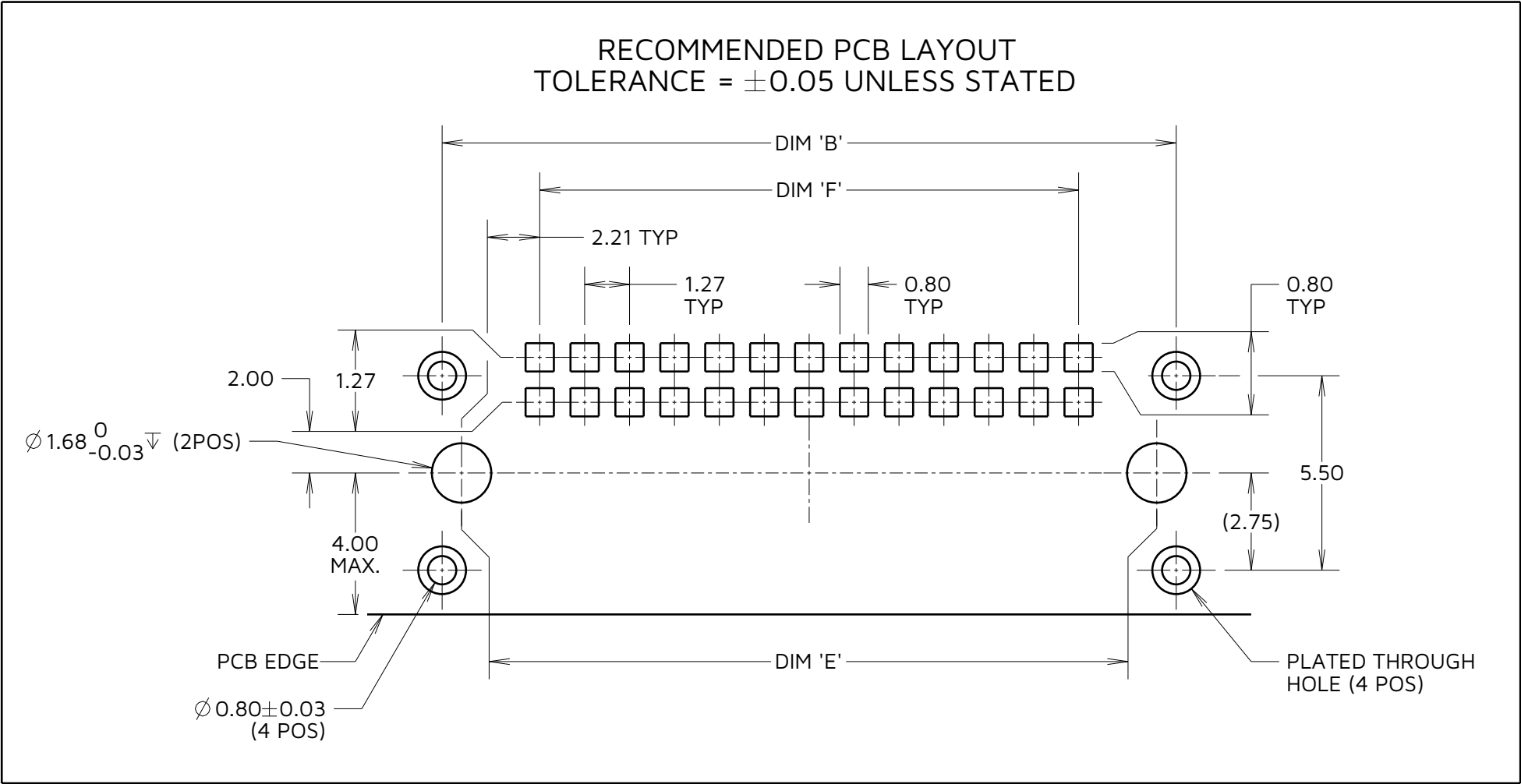


TABLE 3: PCB DIMENSIONS			
PART No.	DIM 'B'	DIM 'E'	DIM 'F'
M55-6151242R	11.87	10.77	6.35
M55-6151642R	14.41	13.31	8.89
M55-6152042R	16.95	15.85	11.43
M55-6152642R	20.76	19.66	15.24
M55-6153242R	24.57	23.47	19.05
M55-6154042R	29.65	28.55	24.13
M55-6155042R	36.00	34.90	30.48
M55-6156842R	47.43	46.33	41.91
M55-6158042R	55.05	53.95	49.53

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