

Customer Information Sheet

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

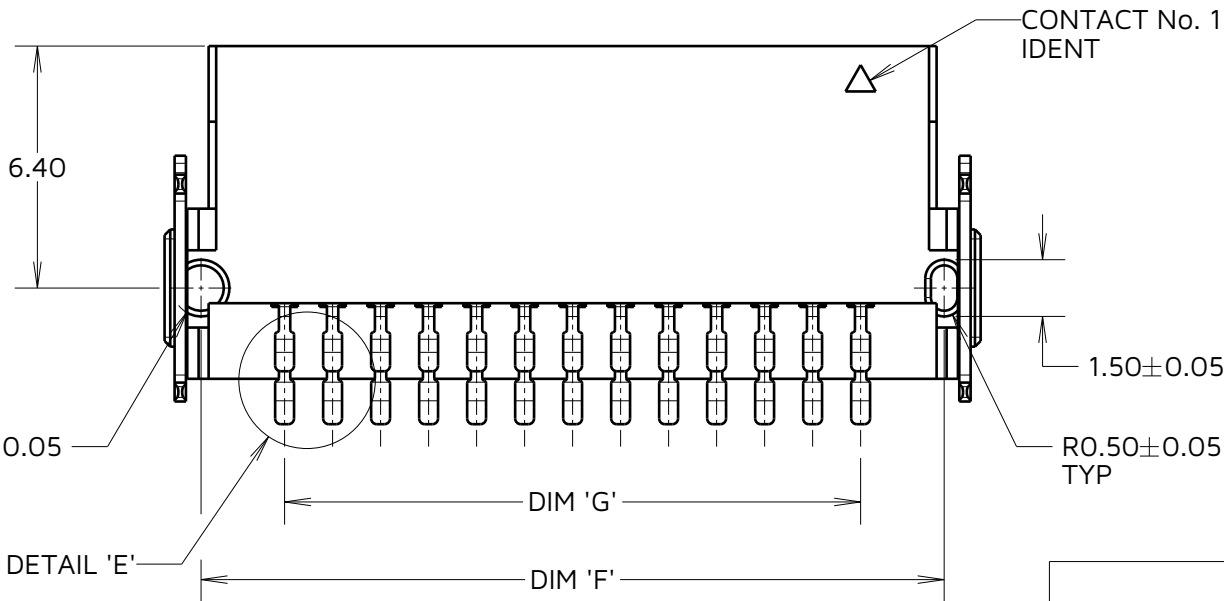
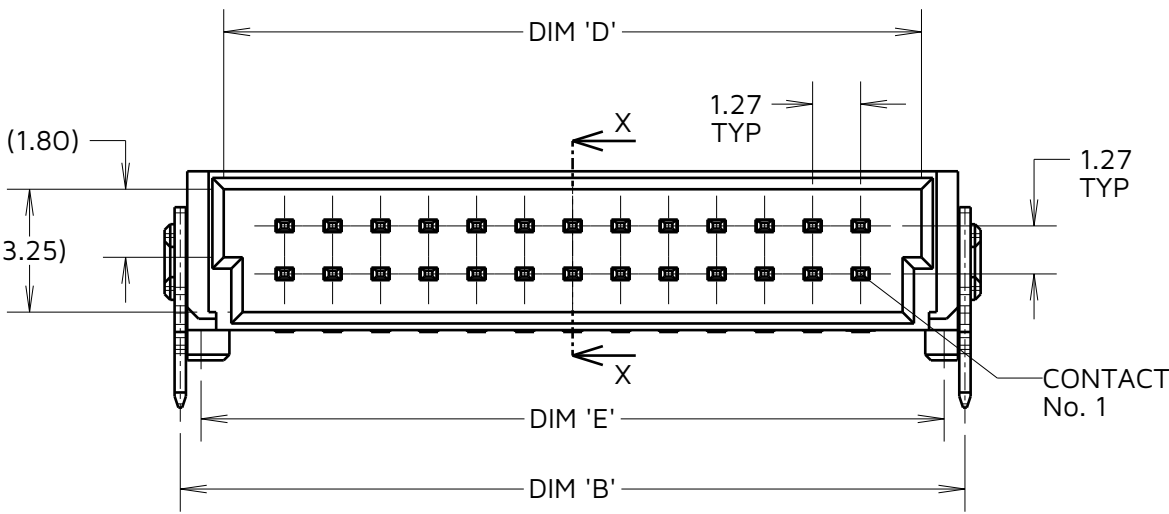
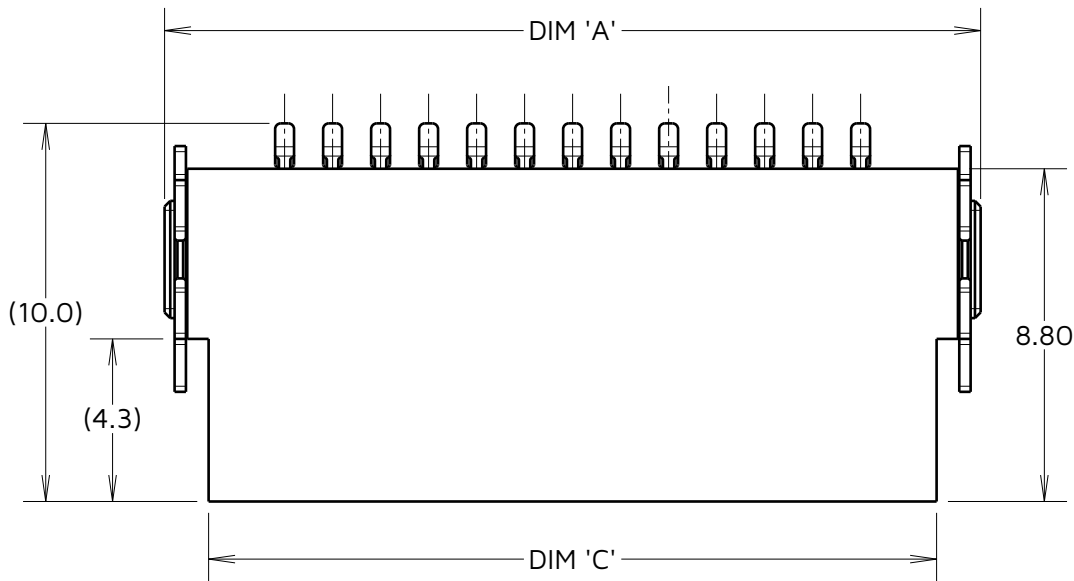
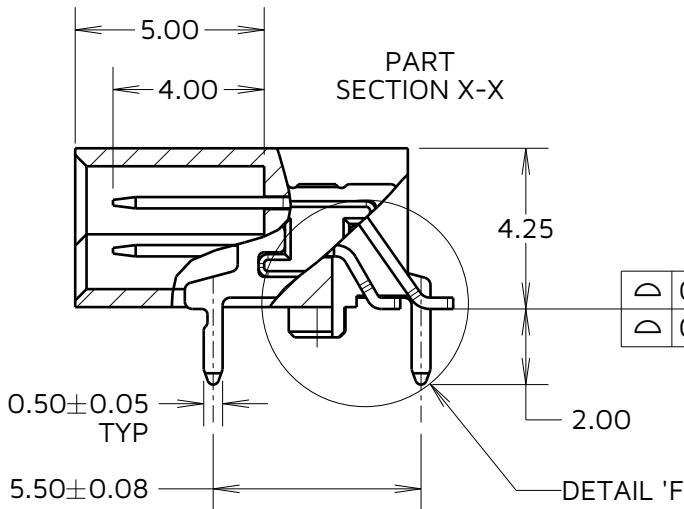
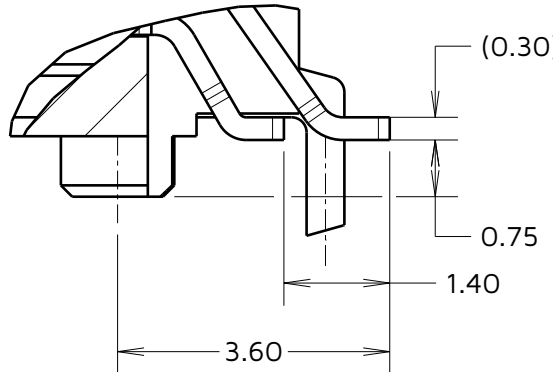


TABLE 1: CONNECTOR DIMENSIONS							
PART No.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'	DIM 'G'
M55-7151242R	12.70	11.87	10.37	9.57	8.57	10.77	6.35
M55-7151642R	15.24	14.41	12.91	12.11	11.11	13.31	8.89
M55-7152042R	17.78	16.95	15.45	14.65	13.65	15.85	11.43
M55-7152642R	21.59	20.76	19.26	18.46	17.46	19.66	15.24
M55-7153242R	25.40	24.57	23.07	22.27	21.27	23.47	19.05
M55-7154042R	30.48	29.65	28.15	27.35	26.35	28.55	24.13
M55-7155042R	36.83	36.00	34.50	33.70	32.70	34.90	30.48
M55-7156842R	48.26	47.43	45.93	45.13	44.13	46.33	41.91
M55-7158042R	55.88	55.05	53.55	52.75	51.75	53.95	49.53

DETAIL 'F'



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

ORDER CODE:
M55-715XX42R
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.

HARWIN

www.harwin.com

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

THIS DRAWING AND ANY
INFORMATION OR DESCRIPTIVE
MATTER SET OUT HEREON ARE
CONFIDENTIAL AND COPYRIGHT
PROPERTY OF THE HARWIN GROUP
AND MUST NOT BE DISCLOSED,
LOANED, COPIED OR USED FOR
MANUFACTURING, TENDERING OR FOR
ANY OTHER PURPOSE WITHOUT THEIR
WRITTEN PERMISSION.

MATERIAL & FINISH:

SEE ABOVE

TITLE: KONTROL 1.27mm PITCH
RIGHT-ANGLE MALE
PLUG THR ASSEMBLY

DRAWING NUMBER:
M55-715XX42R

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

SHT
3
OF
5

Customer Information Sheet

IF IN DOUBT - ASK

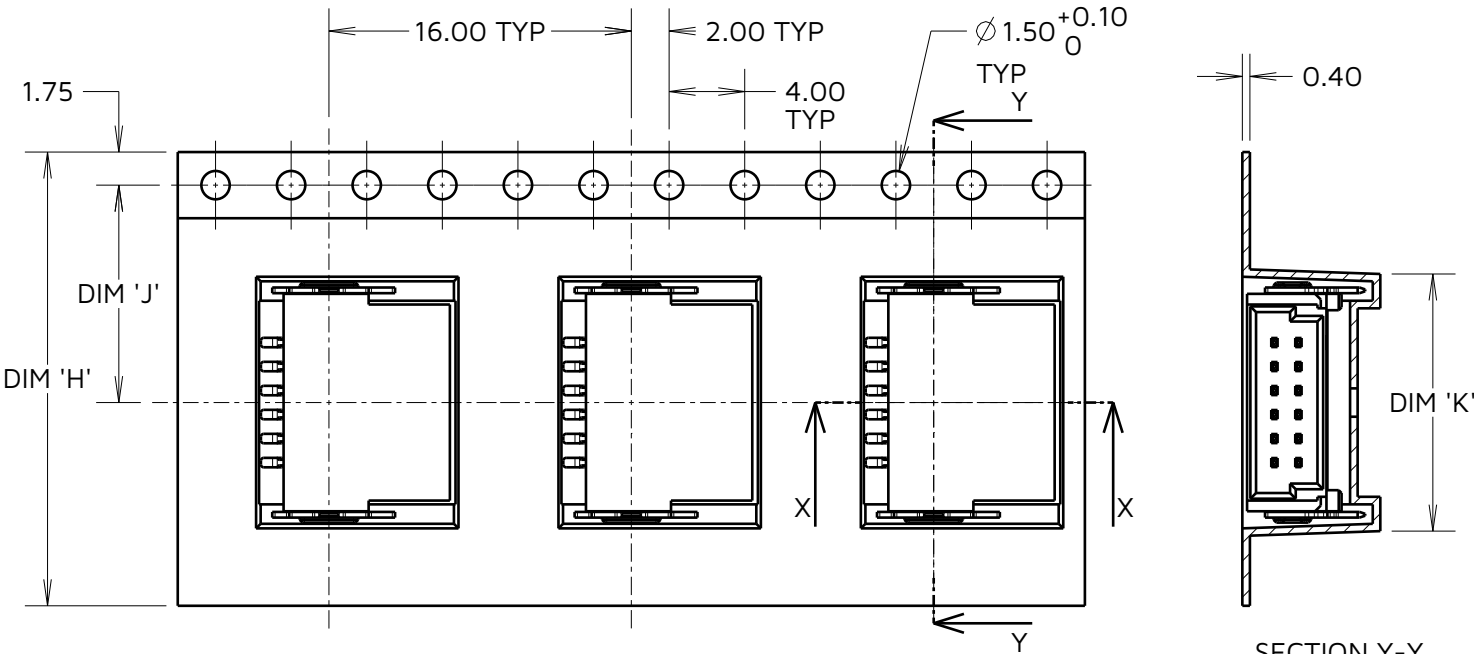
©

NOT TO SCALE

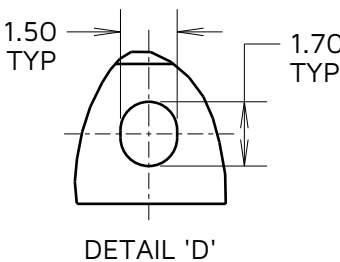
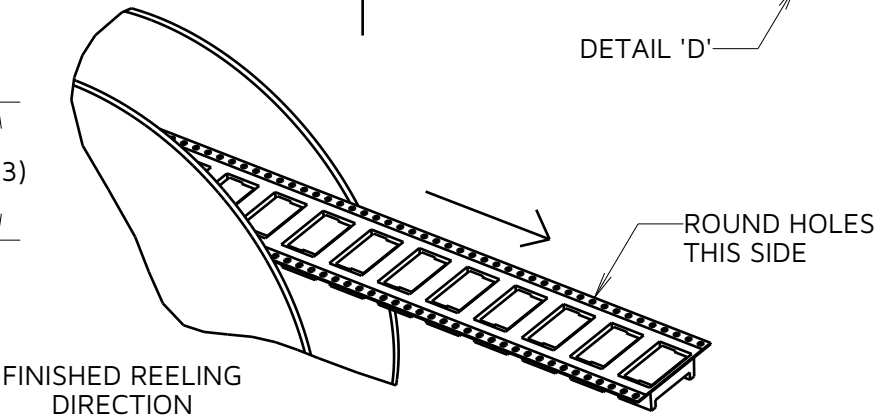
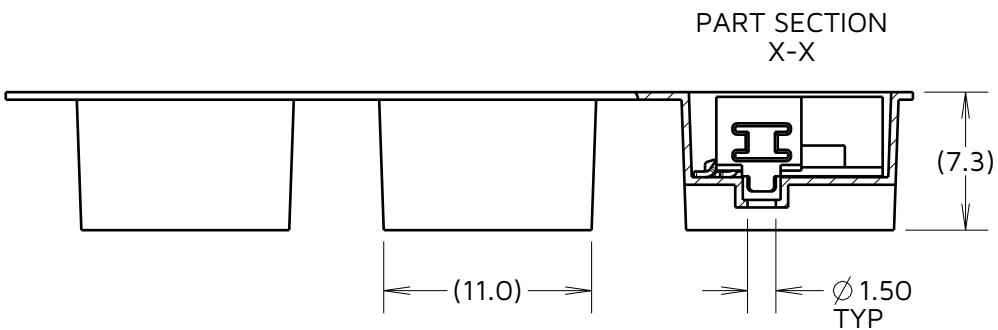
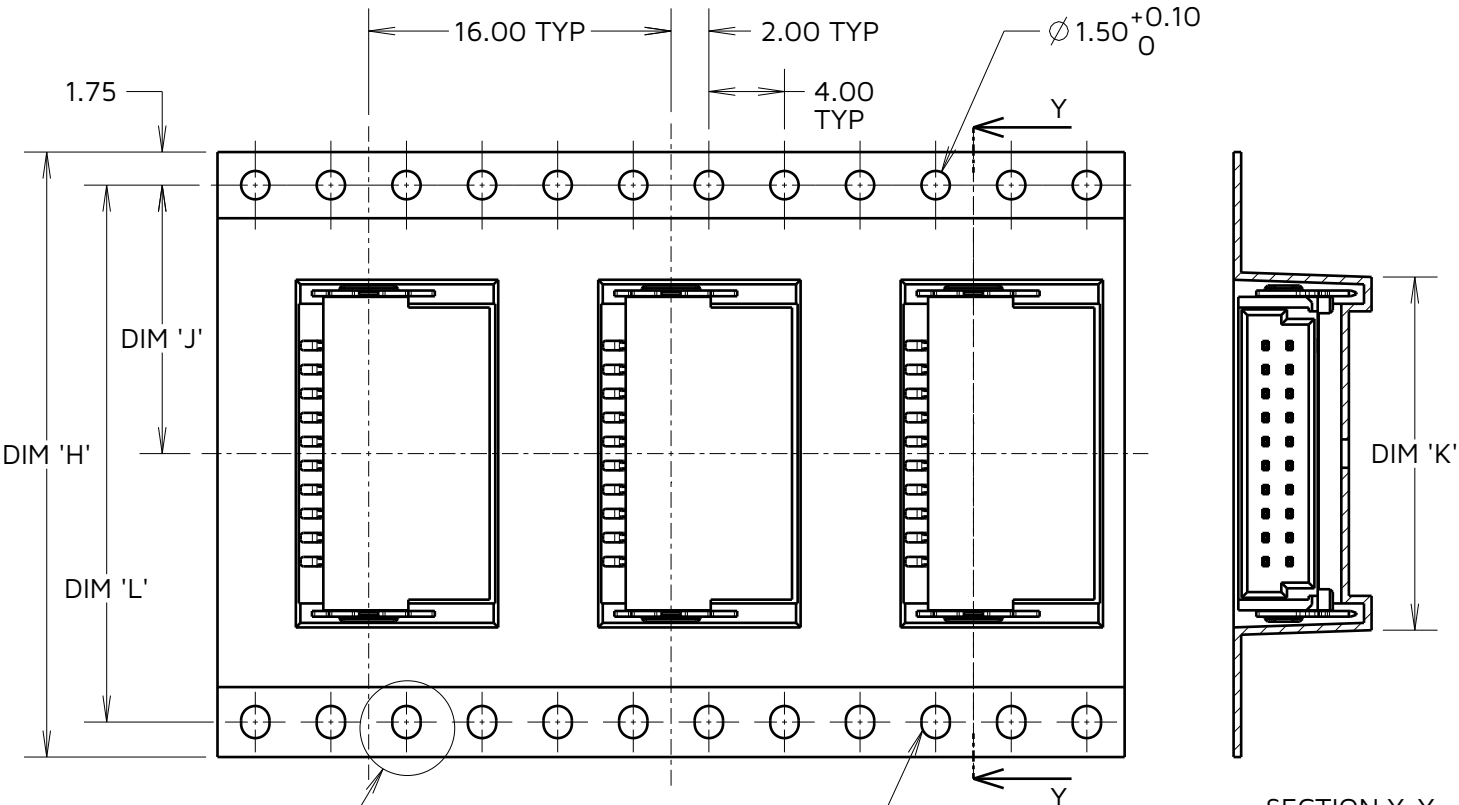
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

TAPE DETAILS FOR 12 TO 16 CONTACT CONNECTORS



TAPE DETAILS FOR 20 TO 80 CONTACT CONNECTORS



ORDER CODE:
M55-715XX42R
TOTAL No. OF CONTACTS
12, 16, 20, 26, 32, 40, 50, 68, 80

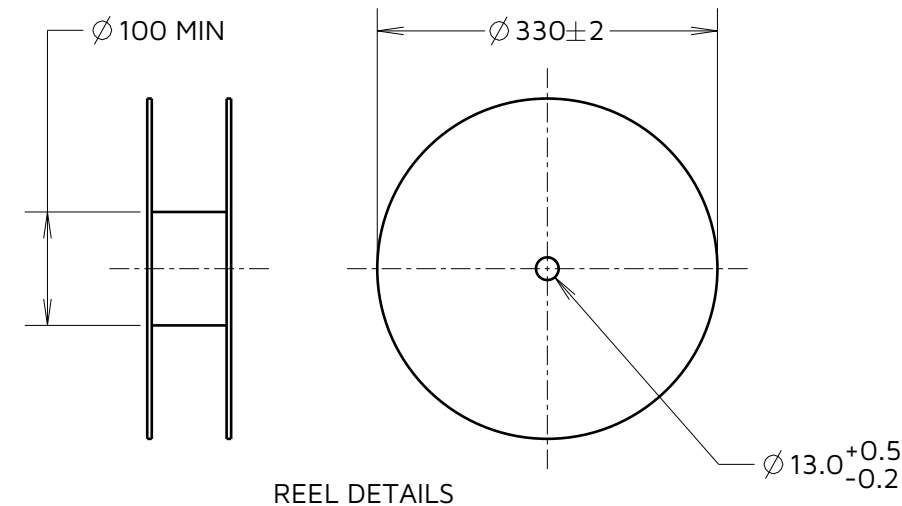


TABLE 2: PACKING TAPE DETAILS

PART No.	DIMENSIONS				PACK QTY (PCS)
	DIM 'H' ±0.30	DIM 'J'	DIM 'K'	DIM 'L'	
M55-7151242R	24.00	11.50	13.6	-	500
M55-7151642R	24.00	11.50	16.1	-	500
M55-7152042R	32.00	14.20	18.7	28.40	500
M55-7152642R	44.00	20.20	22.5	40.40	500
M55-7153242R	44.00	20.20	26.3	40.40	500
M55-7154042R	44.00	20.20	31.4	40.40	500
M55-7155042R	56.00	26.20	37.7	52.40	500
M55-7156842R	72.00	34.20	49.2	68.40	500
M55-7158042R	72.00	34.20	56.8	68.40	500

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

HARWIN
www.harwin.com

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

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

MATERIAL & FINISH:

SEE SHEET 3

TITLE: **KONTROL 1.27mm PITCH
RIGHT-ANGLE MALE
PLUG THR ASSEMBLY**
DRAWING NUMBER:
M55-715XX42R

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

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

RECOMMENDED PCB LAYOUT TOLERANCE = ± 0.05 UNLESS STATED

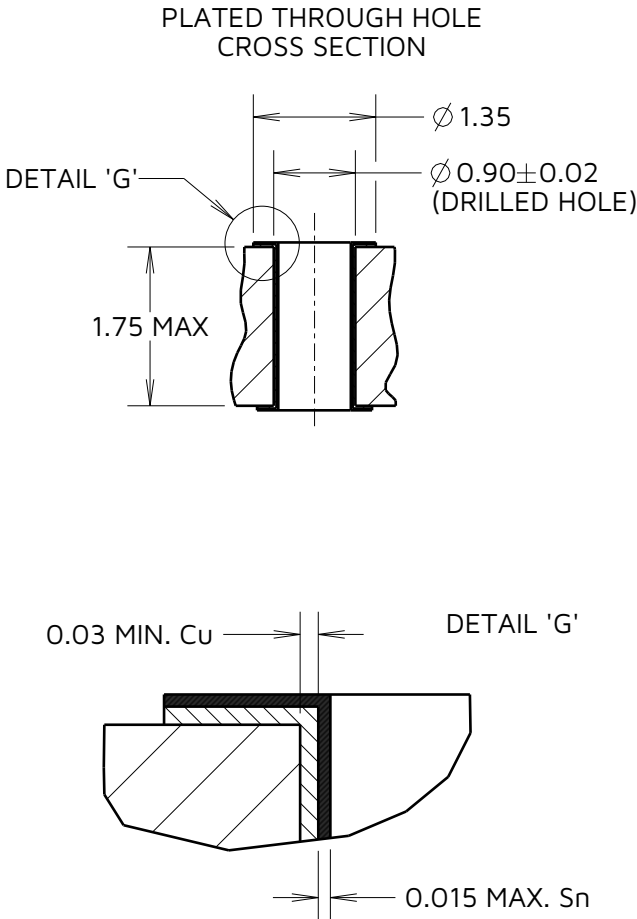
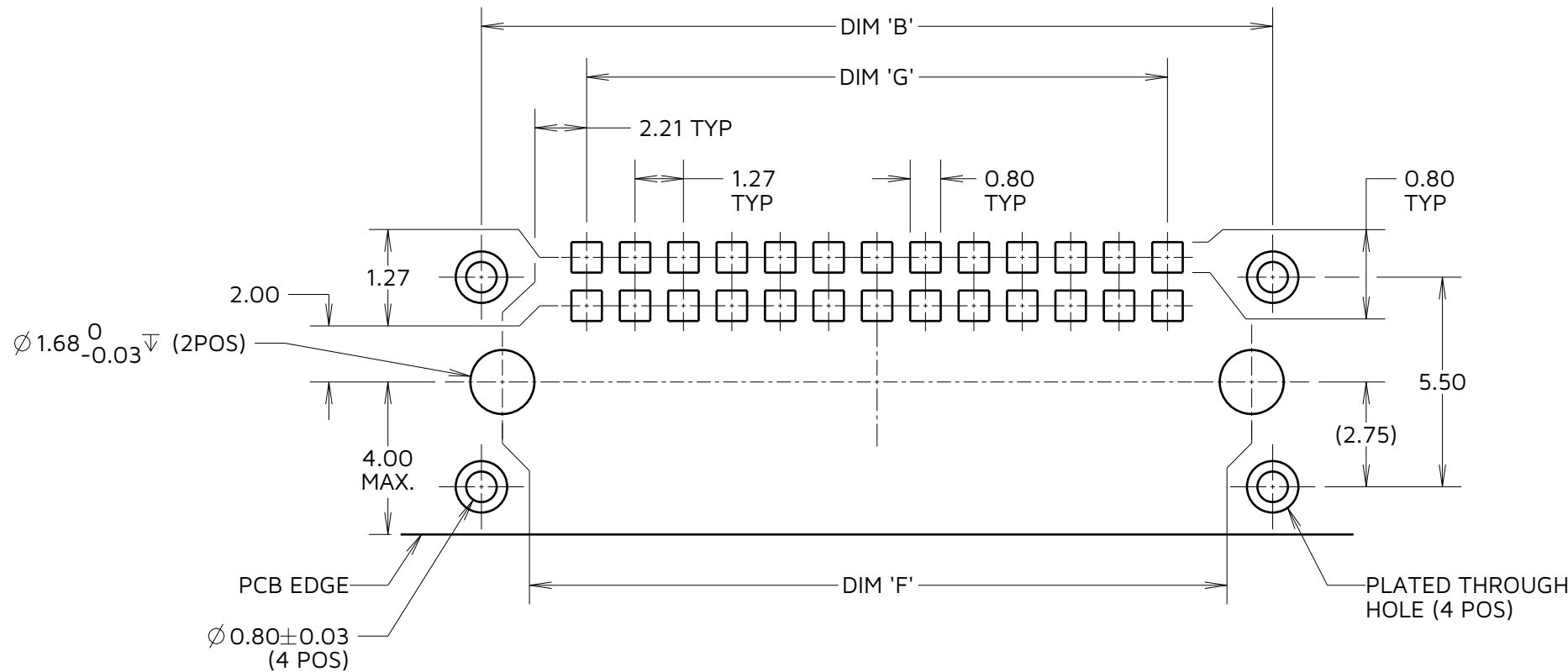


TABLE 3: PCB DIMENSIONS

PART No.	DIM 'B'	DIM 'F'	DIM 'G'
M55-7151242R	11.87	10.77	6.35
M55-7151642R	14.41	13.31	8.89
M55-7152042R	16.95	15.85	11.43
M55-7152642R	20.76	19.66	15.24
M55-7153242R	24.57	23.47	19.05
M55-7154042R	29.65	28.55	24.13
M55-7155042R	36.00	34.90	30.48
M55-7156842R	47.43	46.33	41.91
M55-7158042R	55.05	53.95	49.53

ORDER CODE:

M55-715XX42R

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

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

HARWIN

www.harwin.com

TOLERANCES
X. = ± 1 mm
X.X = ± 0.50 mm
X.XX = ± 0.20 mm
X.XXX = ± 0.01 mm
ANGLES = $\pm 5^\circ$
UNLESS STATED

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

MATERIAL & FINISH:

SEE SHEET 3

TITLE: KONTROL 1.27mm PITCH
RIGHT-ANGLE MALE
PLUG THR ASSEMBLY

DRAWING NUMBER:
M55-715XX42R

SHT
5
OF
5