

Customer Information Sheet

DRAWING No.: M55-820XX42

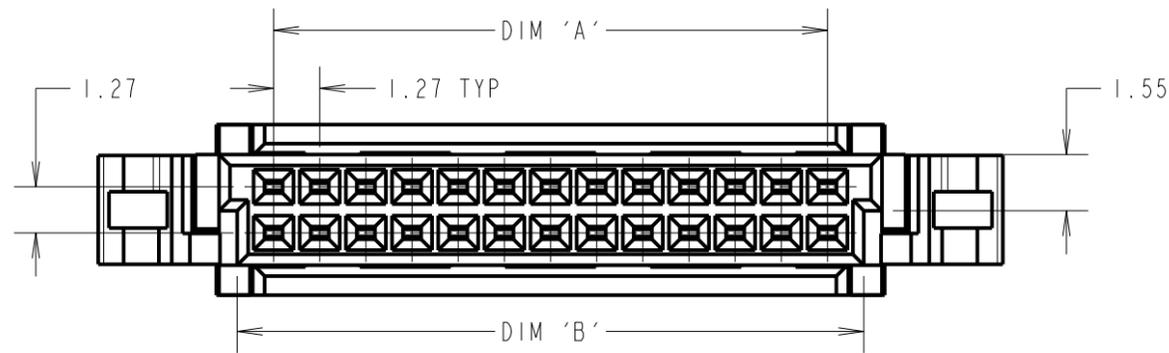
IF IN DOUBT - ASK

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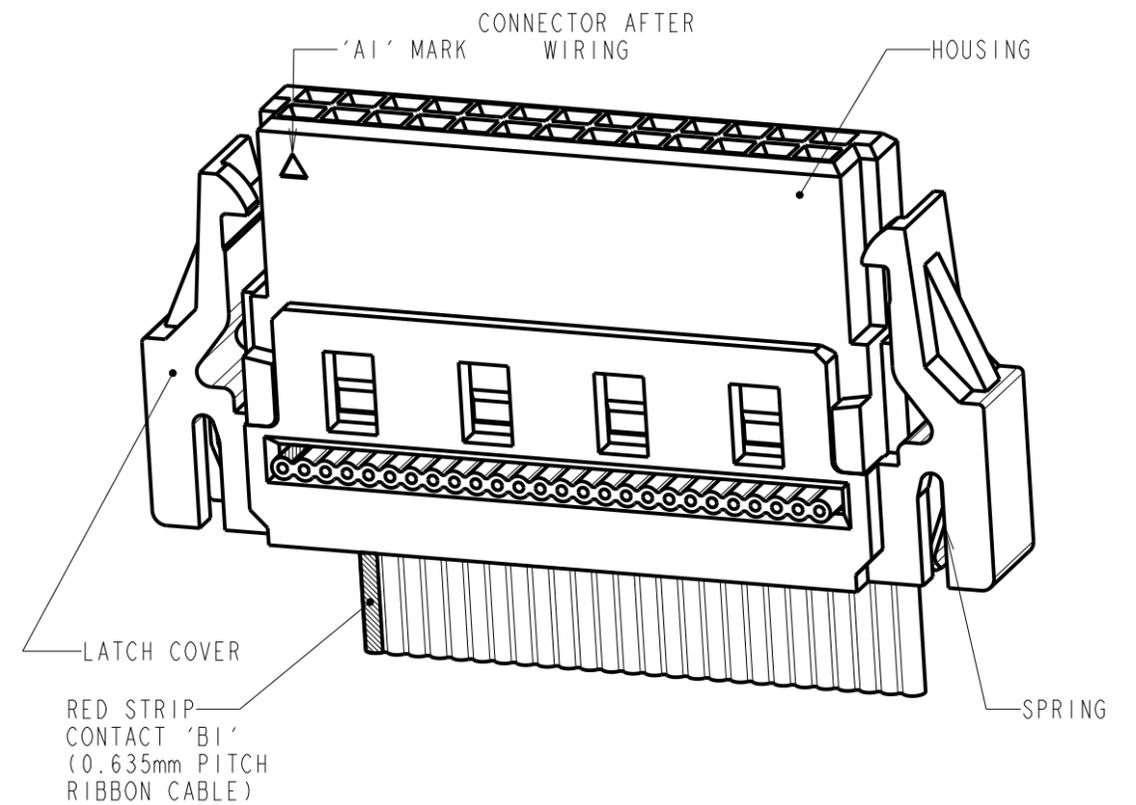
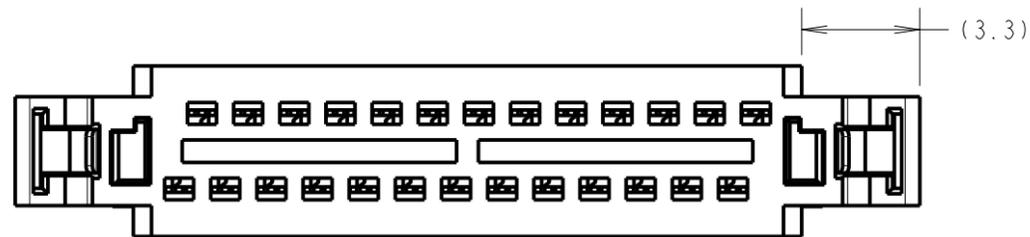
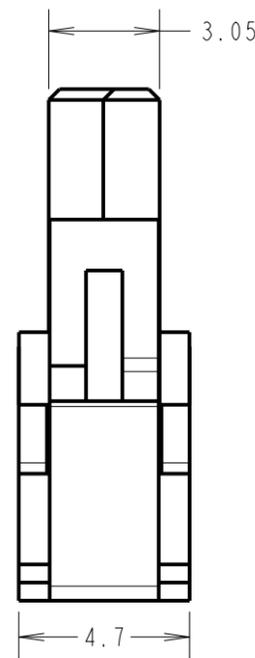
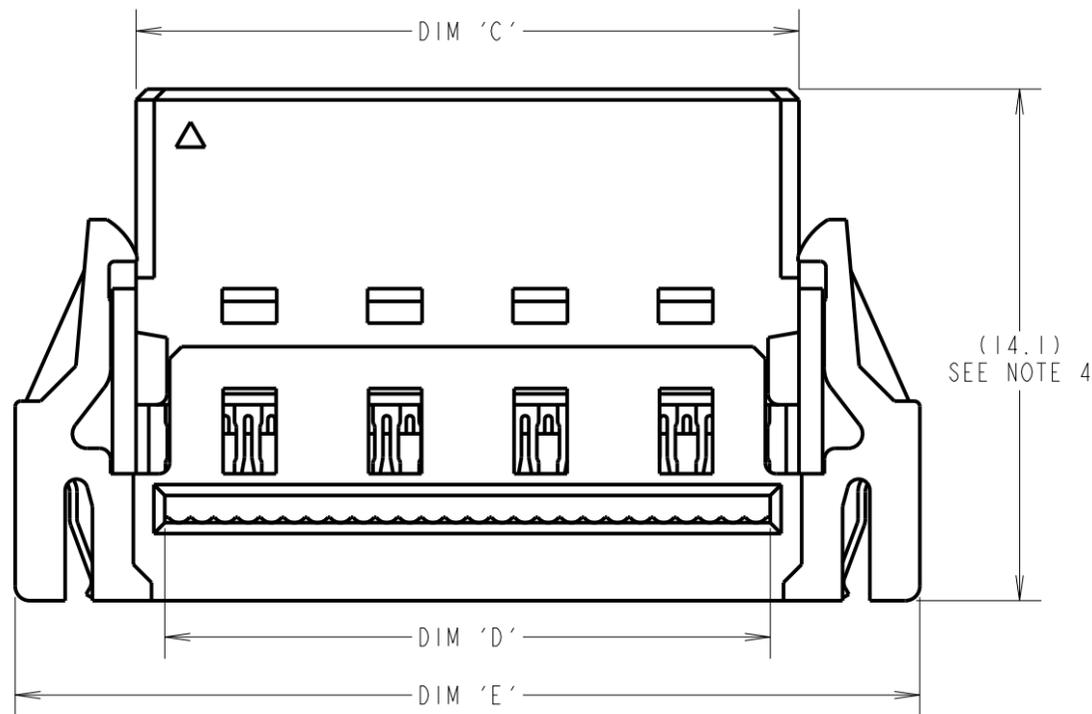
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PART NUMBER	No. OF CONTACTS	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'
M55-8201242	12	6.35	8.35	9.35	7.82	16.0
M55-8201642	16	8.89	10.89	11.89	10.36	18.5
M55-8202042	20	11.43	13.43	14.43	12.90	21.1
M55-8202642	26	15.24	17.24	18.24	16.71	24.9
M55-8203242	32	19.05	21.05	22.05	20.52	28.7
M55-8204042	40	24.13	26.13	27.13	25.60	33.8
M55-8205042	50	30.48	32.48	33.48	31.95	40.1
M55-8206842	68	41.91	43.91	44.91	43.38	51.6
M55-8208042	80	49.53	51.53	52.53	51.00	59.2



NOTES:

- RECOMMENDED FOR USE WITH UL2678 30AWG 0.635mm PITCH IDC FLAT RIBBON CABLE.
- FOR PREMADE CABLE ASSEMBLIES SEE PART NUMBER: M55-800XX42-XXXXA.
- FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C047XX (LATEST ISSUE).
- CONNECTOR HEIGHT ONCE ASSEMBLED WITH WIRE IS 12.2mm.
- CONNECTORS PACKAGED IN TRAYS. SEE SHEET 4 FOR DETAILS.
- RECOMMENDED ASSEMBLY TOOL = Z55-020. SEE INSTRUCTION SHEET IS-51 FOR ASSEMBLY INSTRUCTIONS.

MGP	2	04.08.22	31771
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RTP			
DRAWN: R.ALEXANDER			
CUSTOMER REF.:			
ASSEMBLY DRG: M55-800XX42-XXXXA			

ORDER CODE:

M55-820XX42

TOTAL No. OF CONTACTS: 12, 16, 20, 26, 32, 40, 50, 68, 80
FINISH: 42 = GOLD FLASH ON CONTACT AREA, TIN TAILS

HARWIN

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technical@harwin.com

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TOLERANCES

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

MATERIAL:

SEE C047XX (LATEST ISSUE)

FINISH: SEE ORDER CODE & C047XX

S/AREA: mm²

TITLE:

1.27mm PITCH IDC FEMALE CABLE CONNECTOR

DRAWING NUMBER:

M55-820XX42

SHT 3 OF 4

Customer Information Sheet

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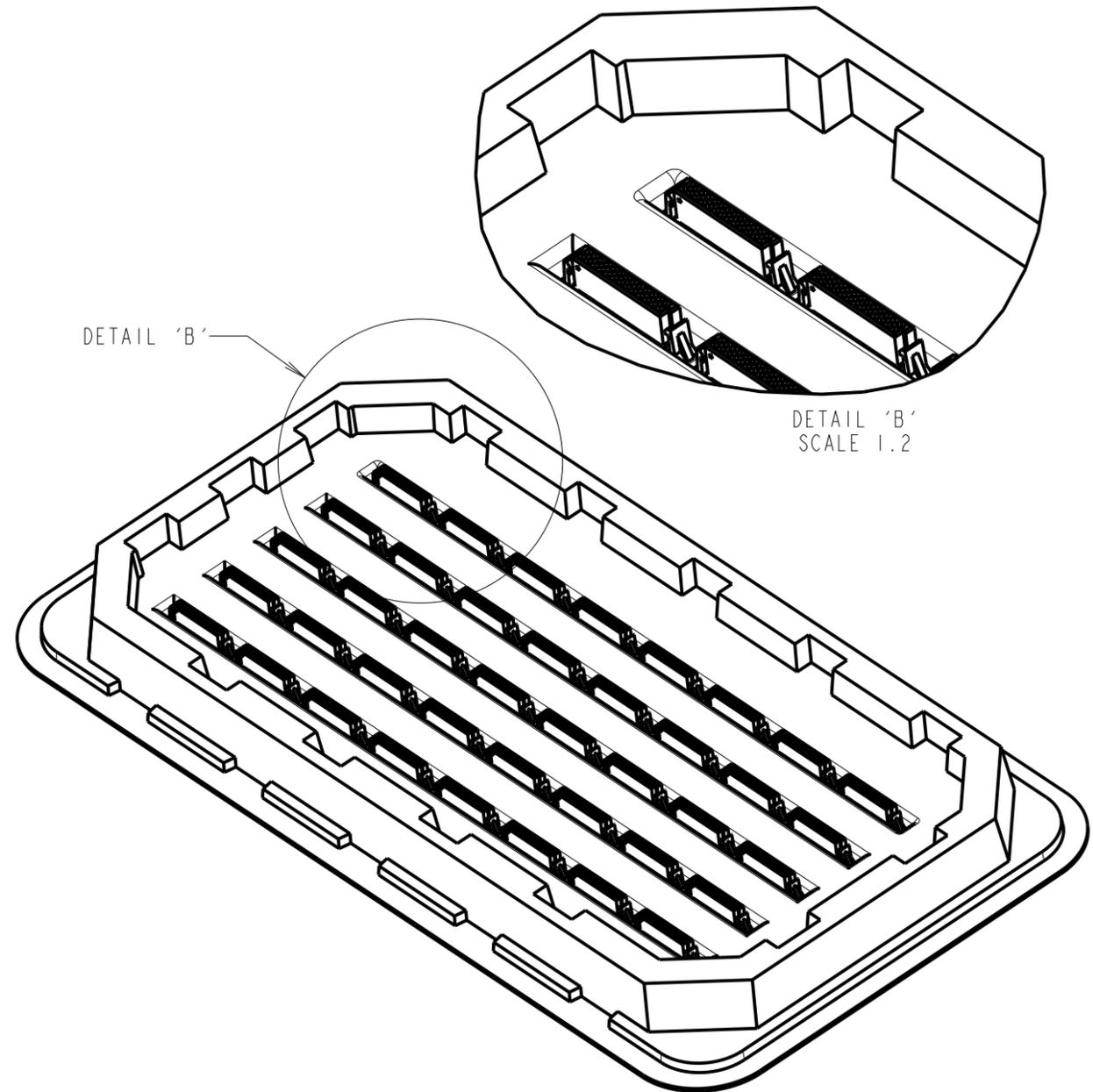
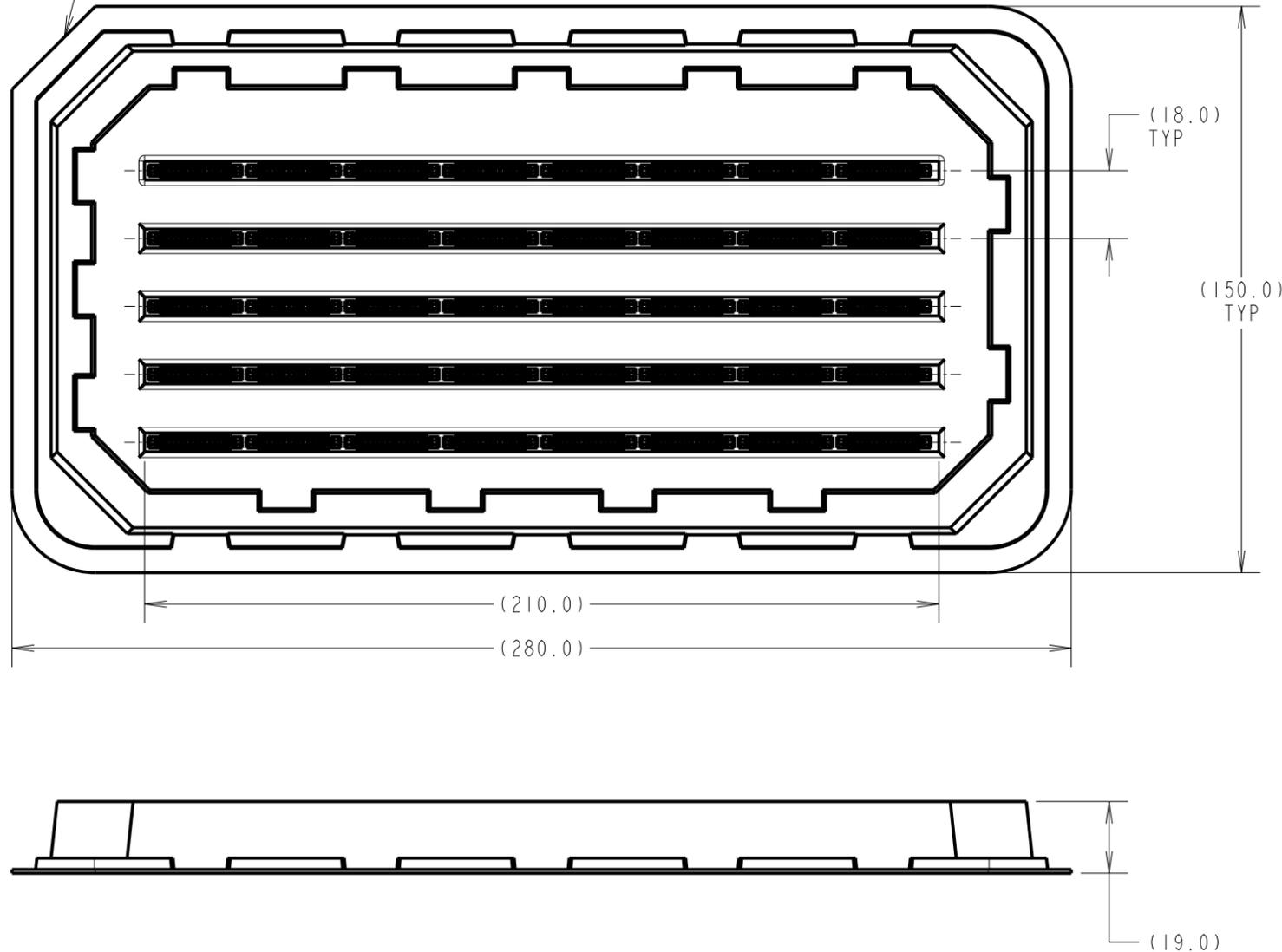
©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

CHAMFERED
CORNER IDENT



PART NUMBER	PARTS PER ROW	PARTS PER TRAY	PARTS PER BOX
M55-8201242	12	60	780
M55-8201642	11	55	715
M55-8202042	9	45	585
M55-8202642	8	40	520
M55-8203242	7	35	455
M55-8204042	6	30	390
M55-8205042	5	25	325
M55-8206842	4	20	260
M55-8208042	3	15	195

NOTES:
6. FOR COMPONENT DETAILS SEE SHEET 3.

ORDER CODE:

M55-820XX42

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TOLERANCES

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X.X = ±0.50mm
X.XX = ±0.20mm
X.XXX = ±0.01mm

ANGLES = ±5°
UNLESS STATED

MATERIAL:

SEE C047XX
(LATEST ISSUE)

FINISH: SEE ORDER CODE & C047XX

S/AREA:

mm²

TITLE:

1.27mm PITCH IDC
FEMALE CABLE CONNECTOR

DRAWING NUMBER:

M55-820XX42

SHT
4
OF
4