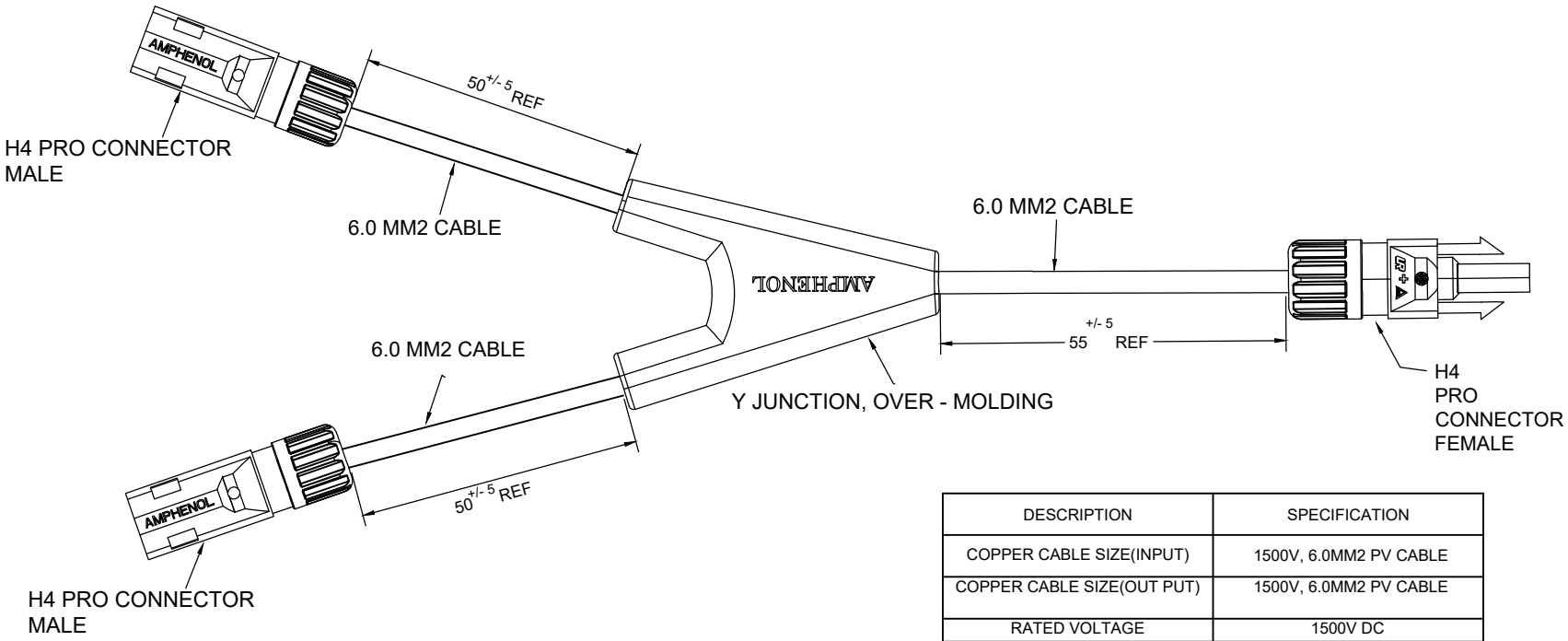
CUSTOMER DRAWING

CUSTOMER P/N	N/A

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	21-02-2026
B	UPDATE IN IP RATING	01-04-2026



DESCRIPTION	SPECIFICATION
COPPER CABLE SIZE(INPUT)	1500V, 6.0MM2 PV CABLE
COPPER CABLE SIZE(OUT PUT)	1500V, 6.0MM2 PV CABLE
RATED VOLTAGE	1500V DC
RATED CURRENT	INPUT 22.5A ,OUTPUT 45A
DEGREE OF PROTECTION, MATED	IP68
AMBIENT TEMPERATURE RANGE	-40 TO +85°C
OVER-MOLDING MATERIAL	TPV, UL 94 V-0
CABLE MIN. BENDING RADIUS	30MM

1. ALL MATERIALS SHALL BE CERTIFIED COMPLIANT TO THE LATEST ROHS DIRECTIVE.

NOTES

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Next Assembly

UNLESS OTHERWISE SPECIFIED

LINEAR DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
ANGLES =±2°
DIM. & TOL. PER ASME Y14.5M-1994;
DRM PER MIL-DTL-31000;
OTHER AMPHENOL STANDARDS: 9-9318

THIRD ANGLE PROJECTION

APPROVALS		DATE
PREPARED BY:	N. THULASI VASAN	01-04-2026
LEAD/PRODUCT ENGINEER:	SURESH BABU.R	
ENGINEERING MANAGER:	SURESH BABU.R	
PRODUCT GROUP:	C&I	
AIPG DIVISION:	AIO	

MATERIAL SPEC	PROCESS SPEC
N/A	N/A

AMPHENOL INSTURIAL PRODUCTS INDIA PVT LTD

Y-TYPE OVERMOLD CABLE ASSEMBLY NEGATIVE,1500V

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SIZE	CAGE CODE	DOCUMENT NUMBER	REV
C	90MJ5	MDH-20-66-1Y-H4V-N	B

SCALE: N/A | REF: N/A | SHEET 1 OF 1