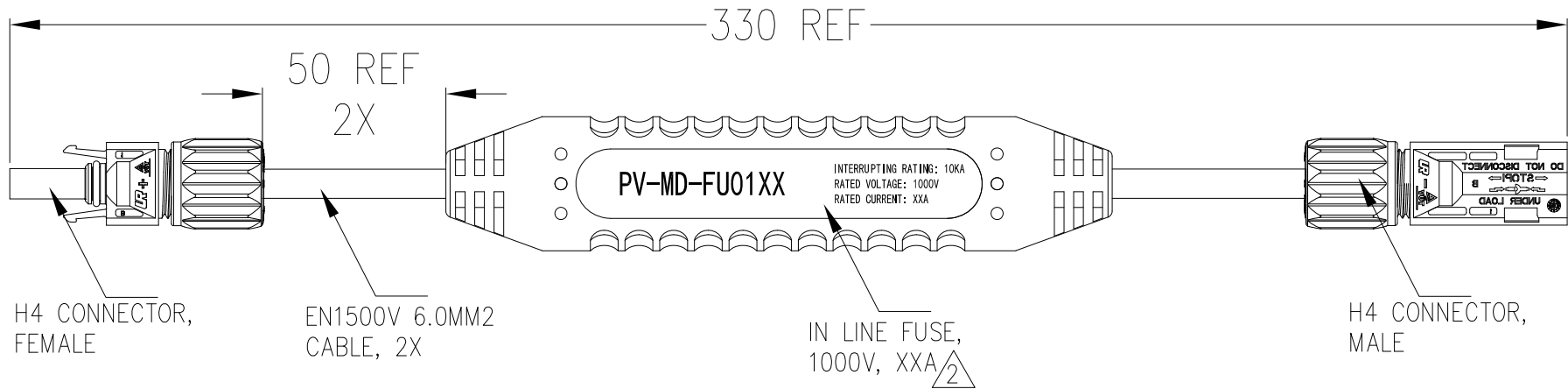


GENERAL TOLERANCE					
DIM. RANGE	≤ 100	>101-500	>501-1000	>1001-3000	> 3001
TOLERANCE	± 5	± 10	± 15	± 20	± 30

CUSTOMER DRAWING

REVISIONS		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	8/29/19
B	ADD 25A	3/24/21



CODE NUMBER	FUSE RATING
MDFU-10-66-04-H4	4A
MDFU-10-66-10-H4	10A
MDFU-10-66-15-H4	15A
MDFU-10-66-20-H4	20A
MDFU-10-66-25-H4	25A
MDFU-10-66-30-H4	30A

DESCRIPTION	SPECIFICATION
COPPER CABLE SIZE	EN 50618, 1500V, 6.0MM2 PV CABLE
RATED VOLTAGE	1000V DC
RATED CURRENT	SAME TO FUSE RATING (SEE TABLE)
DEGREE OF PROTECTION, MATED	IP67
AMBIENT TEMPERATURE RANGE	-40°C TO +50°C
OVER-MOLDING MATERIAL	TPV, UL 94 V-0
CABLE MIN. BENDING RADIUS	30MM

3. PLEASE BE AWARE THAT THIS 3RD LABORATORY TEST JUST AS A REFERENCE FOR APPLICATION DESIGN. IT'S CUSTOMER'S RESPONSIBILITY TO VALIDATE SYSTEM FUNCTIONS AND CONNECTOR DURABILITY AT SPECIFIC APPLICATION AND EXTREME ENVIRONMENT CONDITIONS. WE RECOMMEND CUSTOMER TO CONSIDER MARGIN IN APPLICATION DESIGN TO AVOID OVERHEAT IN HIGH CURRENT SITUATION.

2. SEE TABLE FOR FUSE CURRENT RATING.

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

NOTES:

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM THE AMPHENOL CORP.

UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS	ITEM	QTY	PART NUMBER	DESCRIPTION	NOTE
LINEAR DIMENSIONS ARE IN: MILLIMETERS TOLERANCES: ANGLES= ±2° DEFAULT LINEAR TOLERANCES SEE TABLE	MATERIAL SPEC.	PARTS LIST				
	N/A	Amphenol Technology (Shenzhen) Co., Ltd Block C, Xia Shi Jia 2nd Industrial Estate, Gongming, Shenzhen, 518106, China				
DIM. & TOL. PER ASME Y14.5M-1994; DRM PER MIL-DTL-31000; OTHER AMPHENOL STANDARDS: 9-9318	PROCESS SPEC.	IN LINE FUSE JUMPER, OVER-MOLDING, 1000V DOCUMENT NO. MDFU-10-66-XX-H4 SCALE: N/A SHEET 1 OF 1				
	N/A	APPROVALS PREPARED BY: Eddie ENGINEER IN CHARGE: Eddie DESIGN MANAGER: Gary DESIGN ACTIVITIES GROUP C&I DATE: 8/29/19 THIRD ANGLE PROJECTION				