

Customer Information Sheet

DRAWING No.: G125-MDXXX05MI-XXXXL

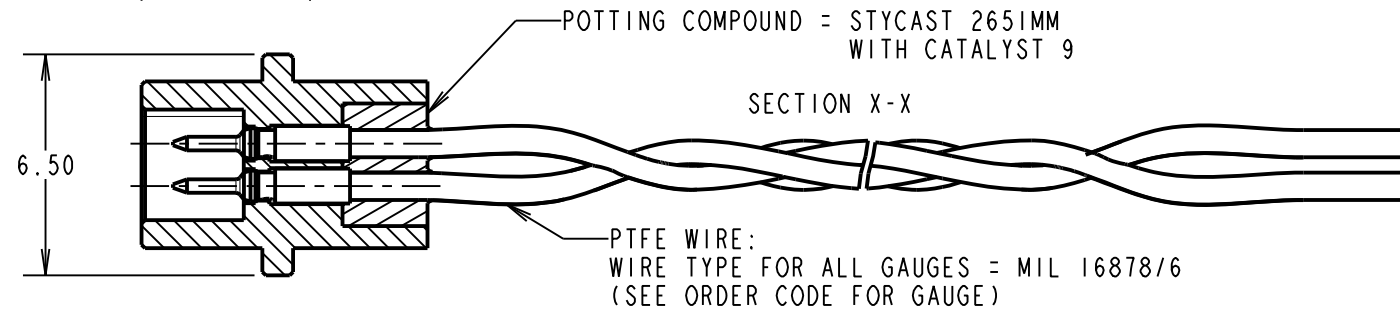
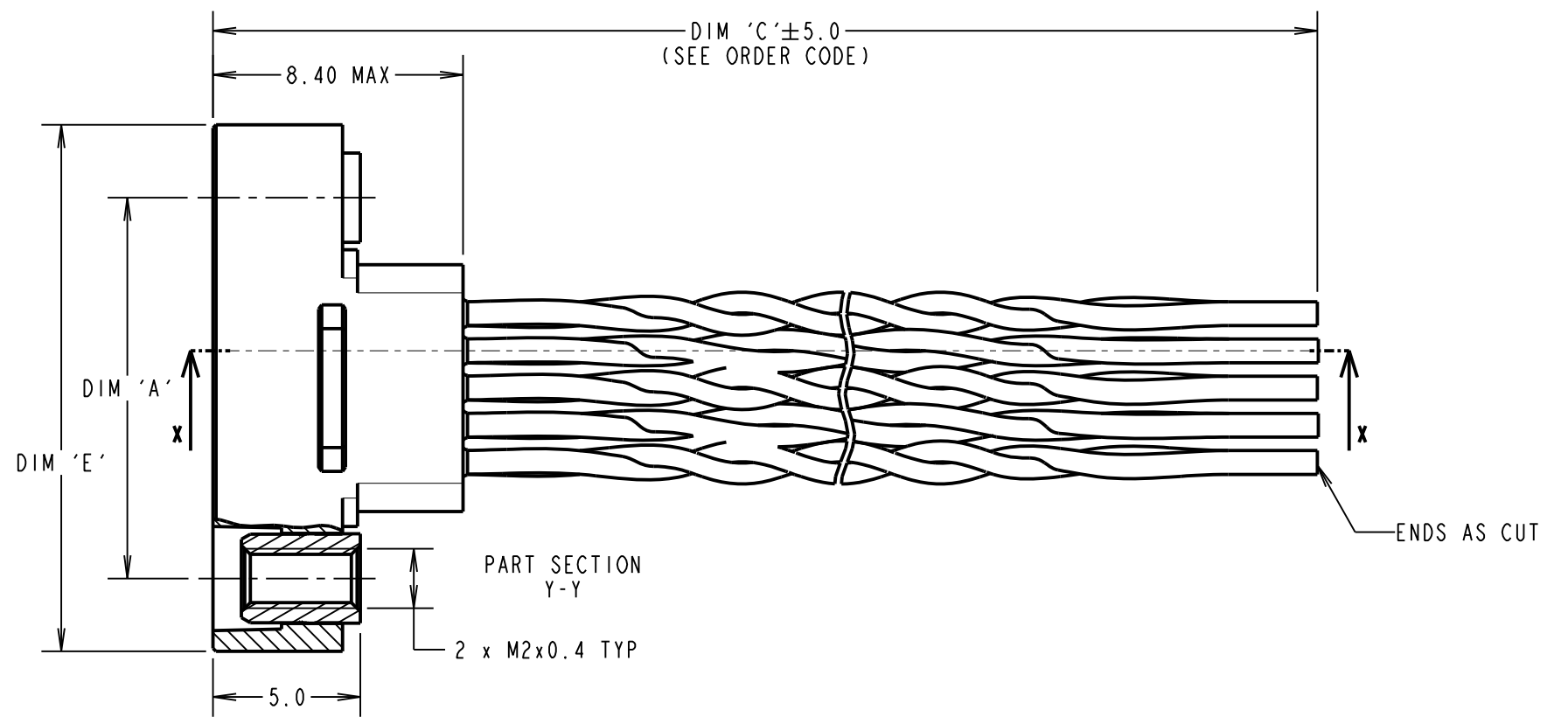
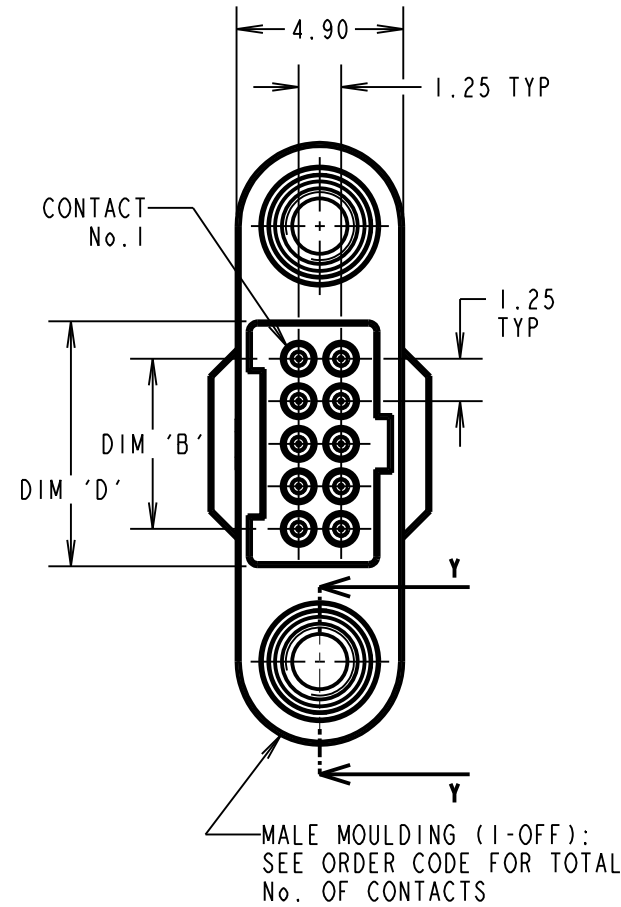
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PATENTED TECHNOLOGY

NOTES:

1. CABLE ASSEMBLIES ARE BULK PACKED IN BAGS.
2. CUSTOM LENGTH CABLE ASSEMBLIES CAN BE PRODUCED FROM 60mm TO 9999mm.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATIONS C049XX AND C125XX (LATEST ISSUE).
4. SEE TABLE FOR CONNECTOR WIRING CONVENTION.

TABLE 1

DIMENSION	MEASUREMENT
DIM 'A'	(TOTAL No. OF CONTACTS - 2) x 0.625 + 7.8
DIM 'B'	(TOTAL No. OF CONTACTS - 2) x 0.625
DIM 'D'	(TOTAL No. OF CONTACTS - 2) x 0.625 + 2.0
DIM 'E'	(TOTAL No. OF CONTACT - 2) x 0.625 + 12.7

EXAMPLE PART No.:

- 10 CONTACT CONNECTOR WITH 150mm OF 26AWG WIRE = G125-MD11005MI-0150L
- 50 CONTACT CONNECTOR WITH 450mm OF 28AWG WIRE = G125-MD25005MI-0450L

TABLE 2

WIRING FOR EXAMPLE PART No. G125-MD11005MI-0150L

TWISTED PAIR No.	CONNECTOR I PIN No.	TURNS PER INCH	WIRE COLOUR
1	1	3	WHITE & GREEN
	6		
2	2	2	WHITE & RED
	7		
3	3	3	WHITE & GREEN
	8		
4	4	2	WHITE & RED
	9		
5	5	3	WHITE & GREEN
	10		

FOR CONNECTORS WITH MORE THAN 10 CONTACTS, CONTINUE TWIST & CABLE PIN OUT CONVENTION IN THE SAME PATTERN. I.E. TWISTED PAIR BETWEEN CONTACT 1 & CONTACT (TOTAL No. OF CONTACTS/2)+1

ORDER CODE:

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26 AWG = 1
28 AWG = 2

DIM 'C' LENGTH:
0060 = 60mm MIN
9999 = 9999mm MAX

TOTAL No. OF CONTACTS:
06, 10, 12, 16,
20, 26, 34, 50

RTP	1	24.08.20	30156
NAME	ISS.	DATE	CN/CO
APPROVED:		R.PORTLOCK	
CHECKED:		M.RUDKIN	
DRAWN:		R.PORTLOCK	
CUSTOMER REF.:			
ASSEMBLY DRG:			



www.harwin.com
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 ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE: G125 SERIES SINGLE-ENDED MALE CRIMP CONNECTOR WITH TWISTED PAIR

DRAWING NUMBER:

G125-MDXXX05MI-XXXXL

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