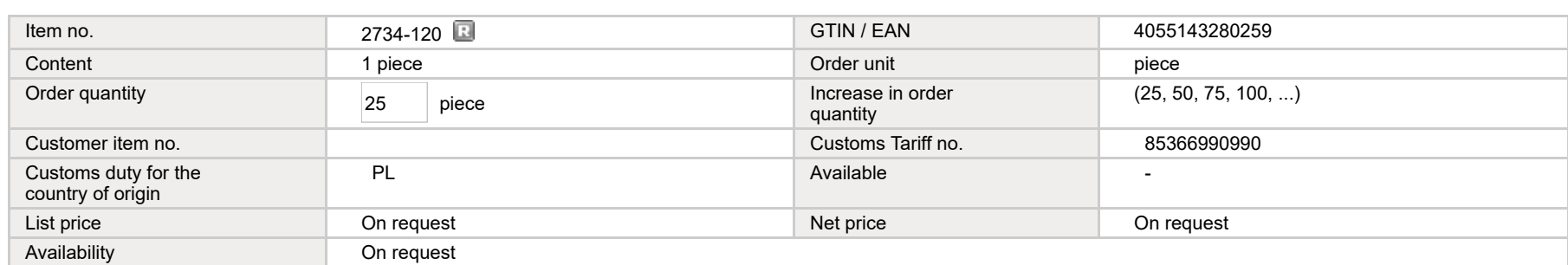


1-conductor female plug; 100% protected against mismatching; Push-button; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 20-pole

Note: Some items may not be available from your local WAGO company.  
Please note that the quantities ordered in the shopping cart are rounded up to the PU (SPU).

RoHS ☒ Compliant

ID	Description	Status	Priority	Assignee	Due Date	Created At	Updated At
1	Task 1	Open	High	John	2023-10-25	2023-10-25	2023-10-25
2	Task 2	Open	Medium	John	2023-10-25	2023-10-25	2023-10-25
3	Task 3	Open	Low	John	2023-10-25	2023-10-25	2023-10-25
4	Task 4	Open	High	John	2023-10-25	2023-10-25	2023-10-25
5	Task 5	Open	Medium	John	2023-10-25	2023-10-25	2023-10-25
6	Task 6	Open	Low	John	2023-10-25	2023-10-25	2023-10-25
7	Task 7	Open	High	John	2023-10-25	2023-10-25	2023-10-25
8	Task 8	Open	Medium	John	2023-10-25	2023-10-25	2023-10-25
9	Task 9	Open	Low	John	2023-10-25	2023-10-25	2023-10-25
10	Task 10	Open	High	John	2023-10-25	2023-10-25	2023-10-25

<b>Description</b>	1-conductor female plug; 100% protected against mismating; Push-button; 1.5 mm <sup>2</sup> ; Pin spacing 3.5 mm; 20-pole
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Remarks
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- **Item description:**
- Universal connection for all conductor types
- Easy-to-use design does not require special tools
- Ability to wire while mated
- Simple, push-in termination of solid and ferruled stranded conductors
- Integrated test ports for testing parallel to conductor entry
- 100% protected against mismatching
- Coding option available

**Safety information 1:** The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

	Item properties

### Miscellaneous

Name	Value	Unit
Other versions (or variants) can be requested from IWAGO Sales	Other pole numbers	
Connection technology	Push-in CAGE CLAMP®	
Actuation type	Push-button	
Solid conductor	0.2 ... 1.5 mm² / 24 ... 16 AWG	
Wire-stranded conductor	0.2 ... 1.5 mm² / 24 ... 16 AWG	
Wire-stranded conductor with ferrule with plastic collar	0.25 ... 0.75 mm²	
Wire-stranded conductor with ferrule without plastic collar	0.25 ... 1.5 mm²	
Strip length	8 ... 9 mm / 0.31 ... 0.35 Inch	
No. of poles	20	
Total number of connection points	20	
Total number of potentials	20	
Number of connection types	1	
Number of levels	1	
Pin spacing	3.54mm; mm (0.138in); (in)	
Width	72.1 mm / 2.839 in	
Height	13.5 mm / 0.531 in	
Depth	20.4 mm / 0.803 in	
Contact type (pluggable connector)	Female connector/socket for conductors	
Connector connection type	Yes	
Ministrapping protection	light gray	
Color	I	
Material group	Polyamide 66 (PA 66)	
Insulating material	Flammability class per UL94	
Clamping spring material	Chrome nickel spring steel (CNI)	
Contact material	Copper alloy	
Contact plating	tin-plated	
Pie load [N]	0.326	N
Weight [g]	17.08	g
Limit temperature range	-60 ... 100 °C	
Packaging type	BOX	
[mm]	72.1	mm
Pin spacing from [in]	0.138	in
Pin spacing from [mm]	3.5	mm
Contact type	Female connector/socket for conductors	
Product Family	MCS MNI	
Main product function	Female connector/socket	
Product type	Pluggable PCB connectors	