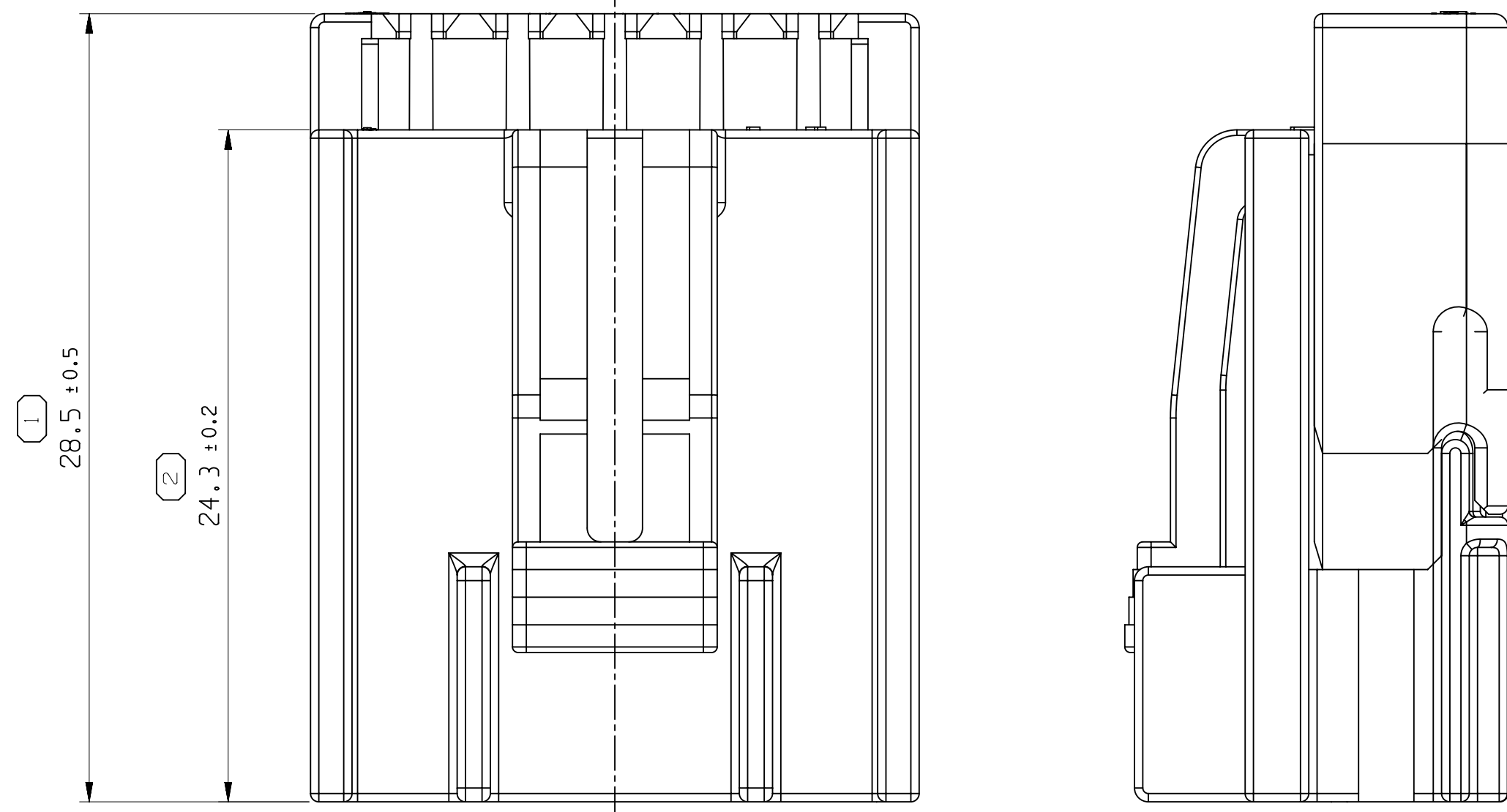
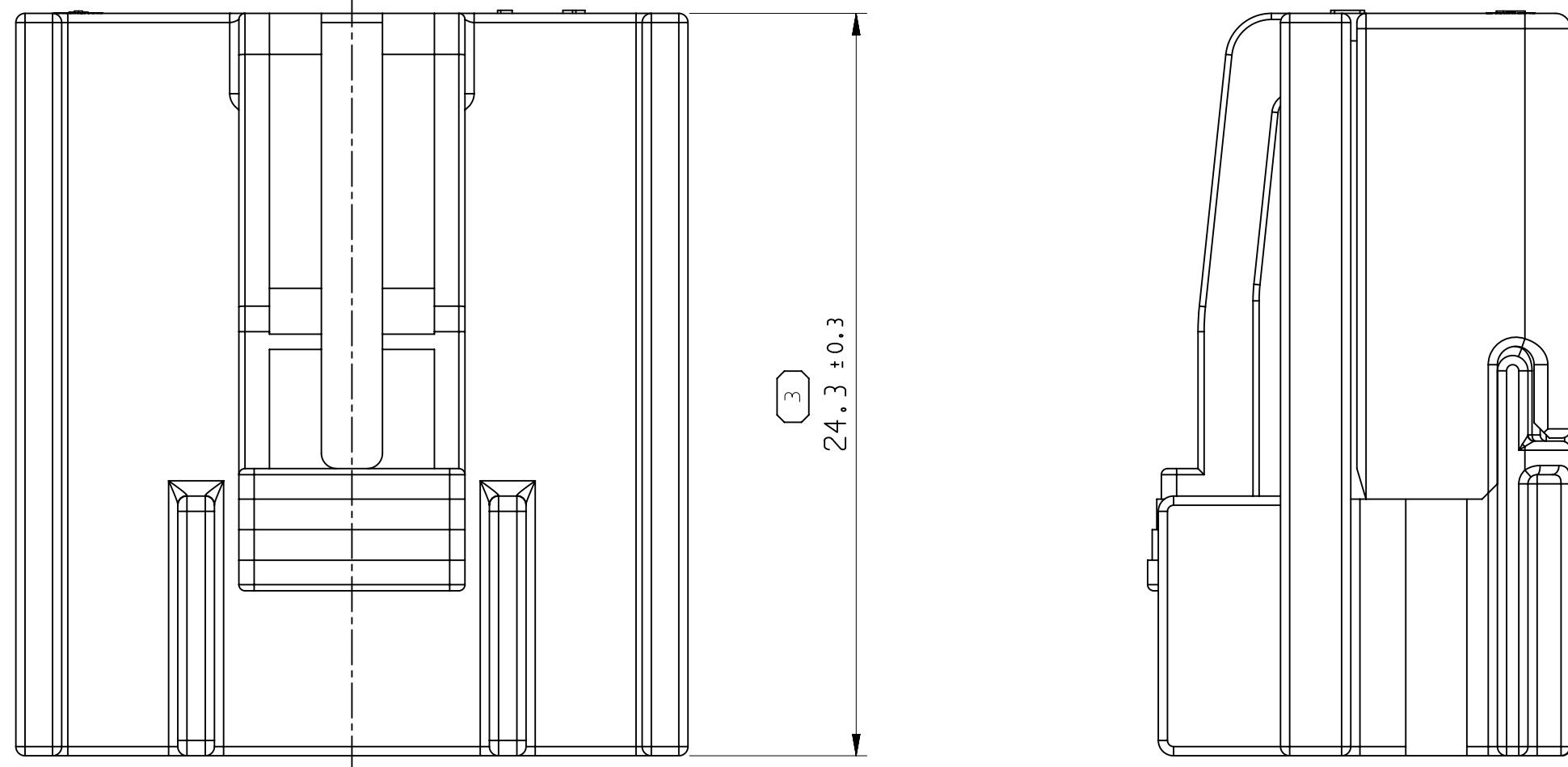


DELIVERY STATE
FROM CONNECTOR MAKER
TO HARNESS MAKER



DELIVERY STATE
FROM HARNESS MAKER
TO CAR MAKER



A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL
OR DOES NOT REQUIRE INSPECTION. IT MAY BE
CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

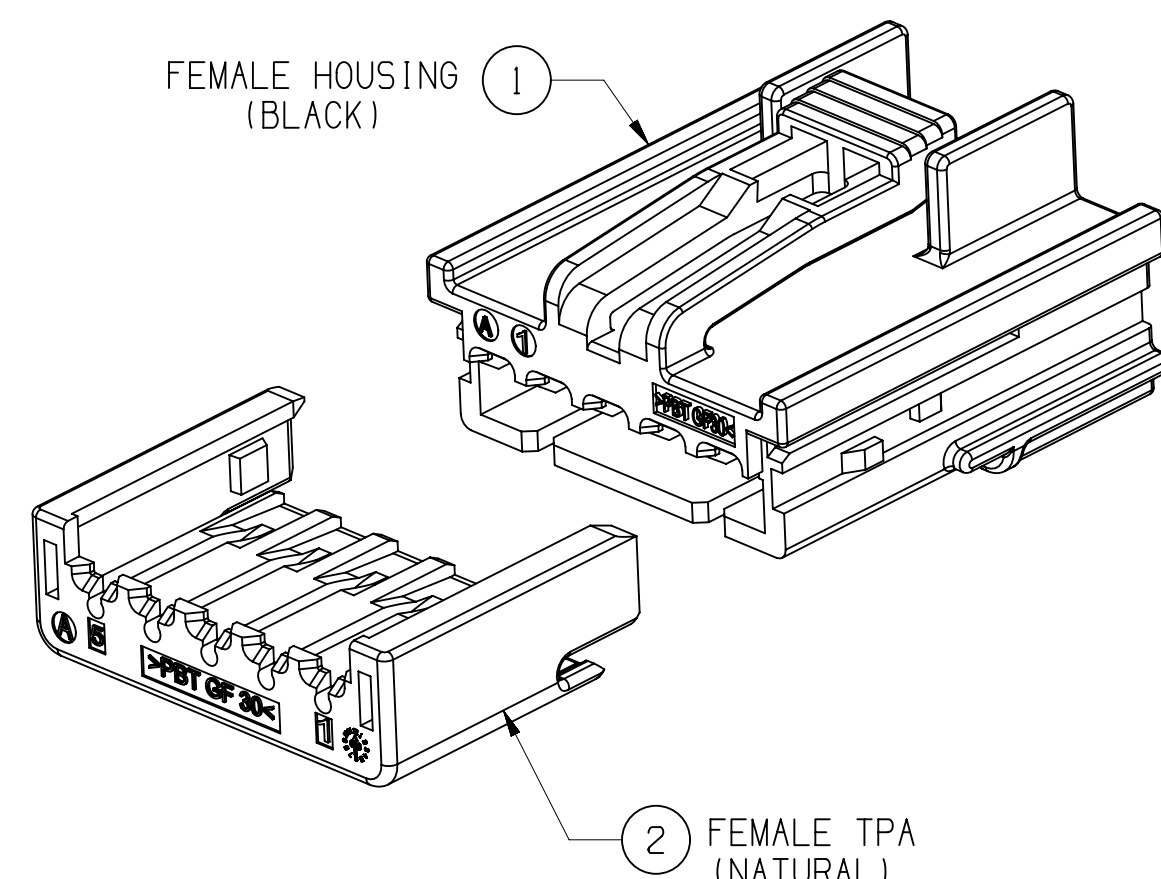
INDICATES THE DIMENSION IS SHOWN ON THE PART
DRAWING AND THE TOOL MUST BE QUALIFIED AT 80% OF
THE TOLERANCE SHOWN UNLESS SUPERSEDED BY A "TBT".

TOTAL NO. OF
INSPECTIONS
REQUIRED

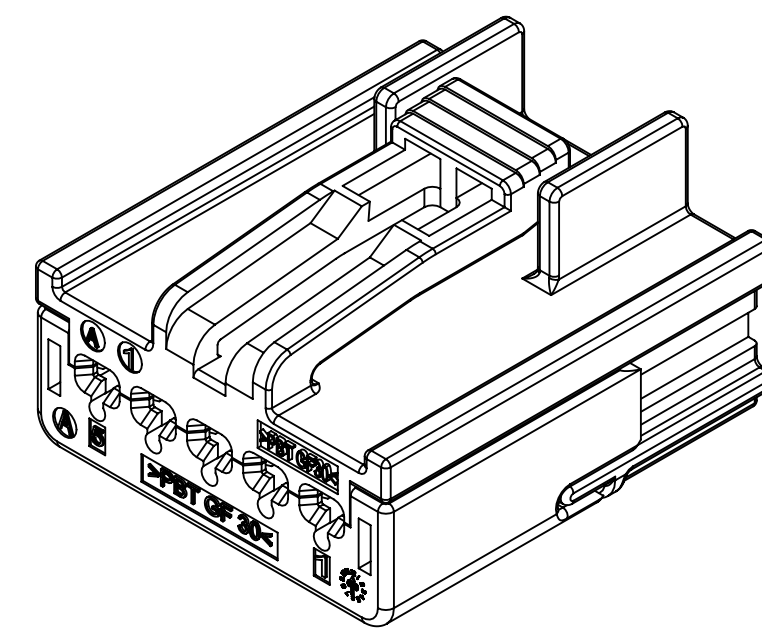
LAST NO.
USED

MISSING SYMBOLS
NO MISSING
SYMBOL NUMBER

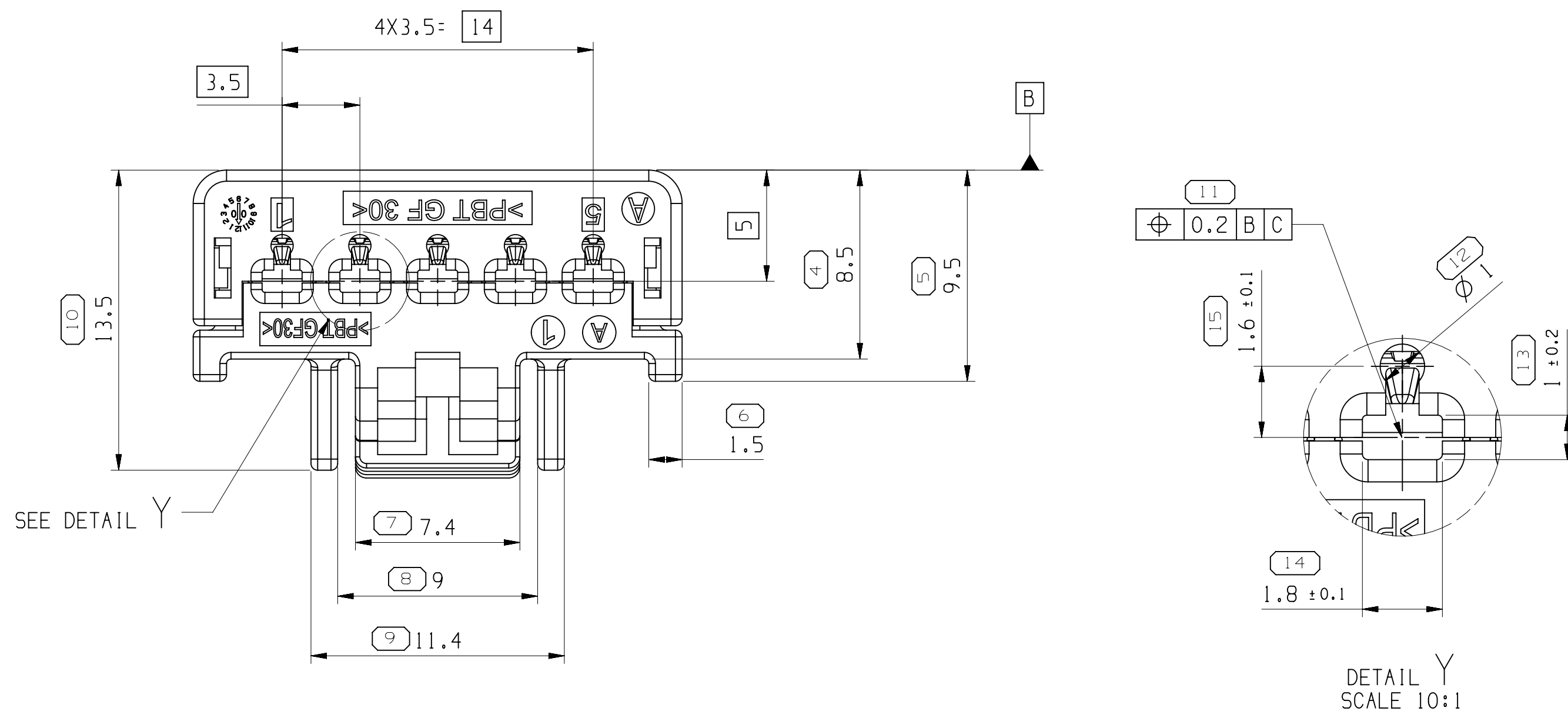
DWG STATUS
DATE: 23AP18
REV: R
STG: 01
P/CHG: -
ZONE: -
REWORK IN MM
AUTH: KDH
DR: SJW
APVD: P.JH



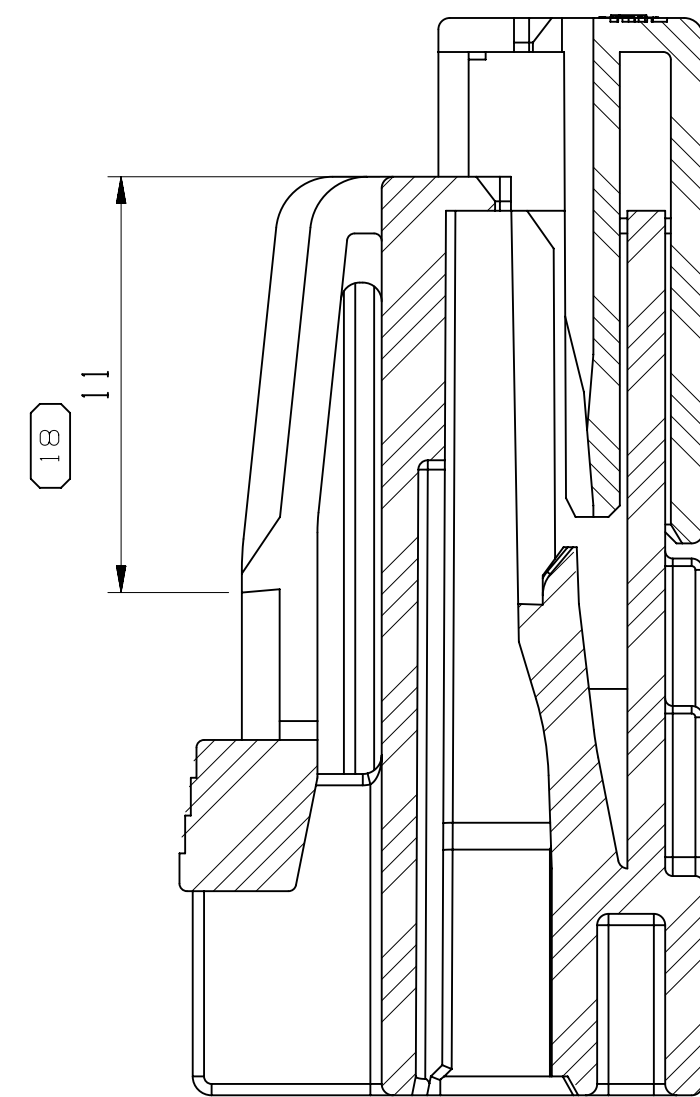
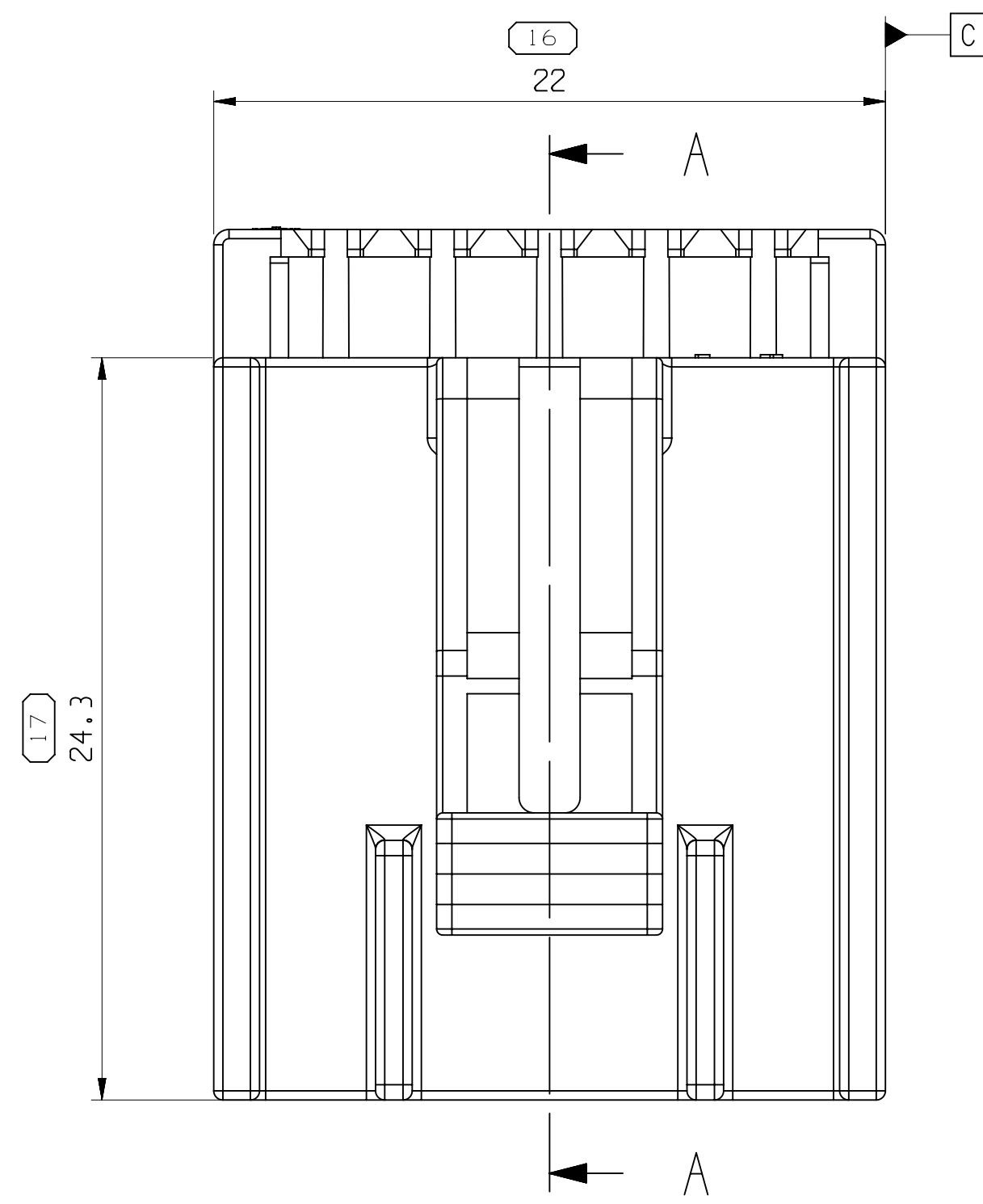
EXPLODED VIEW
SCALE 5:1



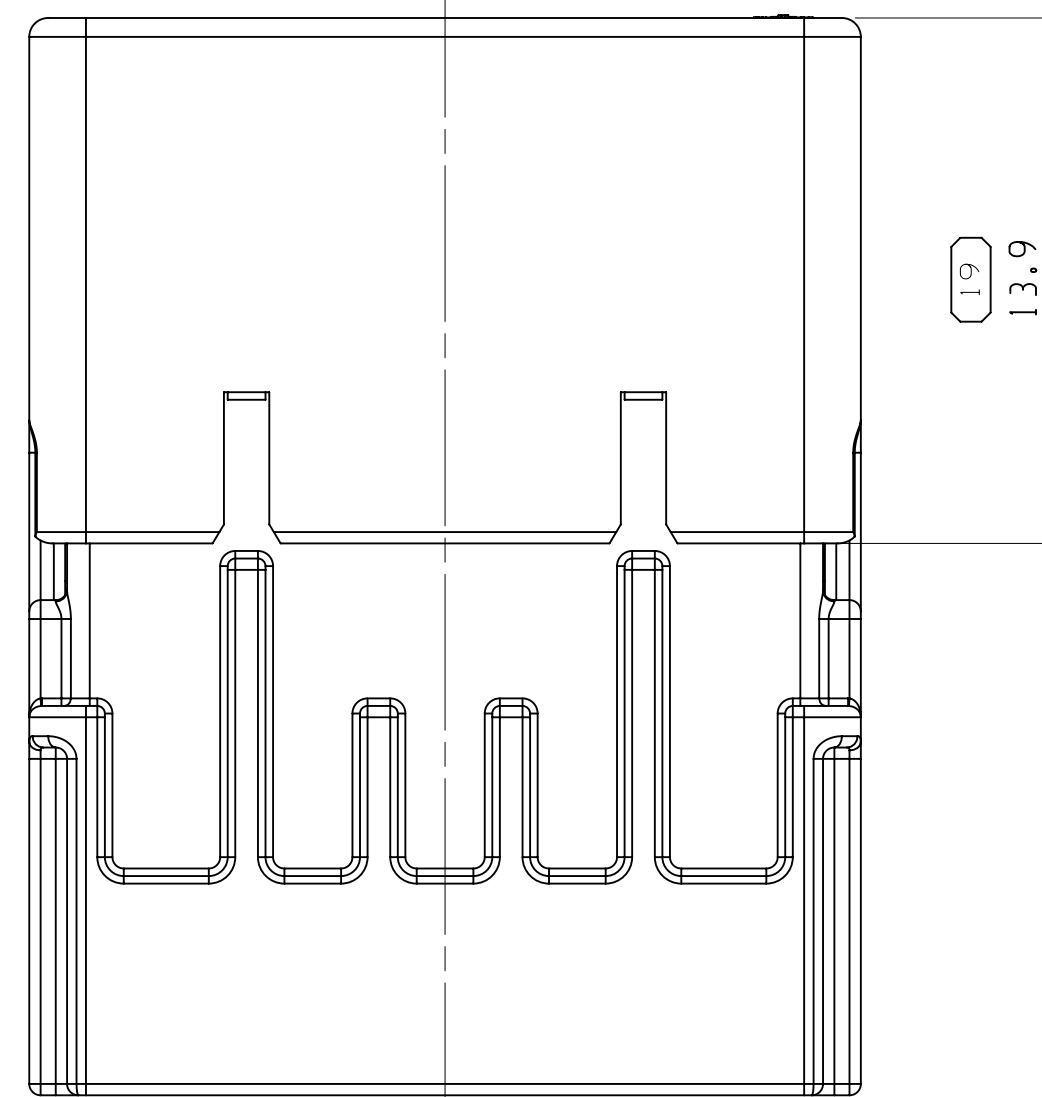
ISOMETRIC VIEW
SCALE 5:1



DETAIL Y
SCALE 10:1



SECTION A - A



ASSEMBLY P/NO		① FEMALE HOUSING (BLACK)			② FEMALE TPA (NATURAL)		
MVL	DELPHI	P/NO	MVL	DELPHI	MATERIAL	P/NO	MATERIAL
F 383100	33503439	S581300	33525857	PBT GF 30	S681300	33525858	PBT GF 30

ASSOCIATED PARTS							
FEMALE TERMINALS		PART NUMBER	WIRE SIZE (mm²)	TYPE	PART NUMBER	WIRE SIZE (mm²)	TYPE
Apex150	Tin plating	54002000	0.3 - 0.5	0.8 X 1.5	-	0.3 - 0.5	0.8 X 1.5
	Gold plating	54002002			-		
	Tin plating	54001625	0.75 - 1.0	0.8 X 1.5	-	0.75 - 1.0	0.8 X 1.5
	Gold plating	54001627			-		
CAVITY PLUG FOR Apex150		54241629	CAVITY PLUG (0.3 - 1.0 50mm)		-	-	
DESCRIPTION		DELPHI PART NUMBER			CUSTOMER PART NUMBER		

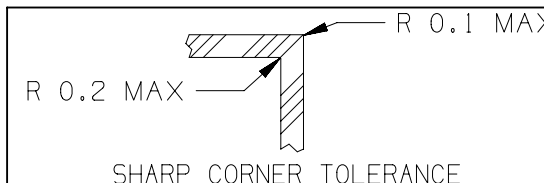
DIN ISO 2768	Tolerance Class medium (m)
Linear Dimensions except for broken edges	Permissible deviations for basic size range (mm) 0.5 *1 up to 3 to 6 to 30 to 120 to 400 to 1000 to 2000 ±0.1 ±0.1 ±0.2 ±0.3 ±0.5 ±0.8 ±1.2
Broken edges (radii, chamfers)	Permissible deviations for basic size range (mm) 0.5 *1 up to 3 to 6 to 30 to 120 to 400 to 1000 to 2000 ±0.1 ±0.1 ±0.2 ±0.3 ±0.5 ±0.8 ±1.2
Angular dimensions	Permissible deviations for ranges of lengths, in mm, of the shorter side of the angle concerned up to 10 over 10 up to 50 over 50 up to 120 over 120 up to 400 over 400 ±1° ±0° 30' ±0° 20' ±0° 10' ±0° 5'

*1 For nominal sizes below 0.5mm, the deviations shall be indicated adjacent to the relevant nominal size(s).

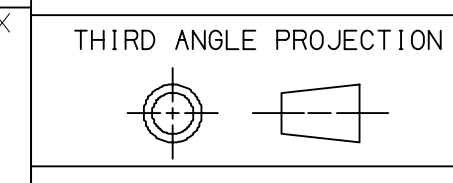
NOTES:

- 1) AMBIENT TEMPERATURE CLASS:
CLASS 2 (85° C)
- 2) TEST METHOD PER:
ES91500-00 Rev 1 UNSEALED CONNECTOR
MS300-34 REV H
MS300-08 REV F
- 3) ALLOWED WIRE SIZE RANGE:
0.3mm² to 1.0mm² (JASO WIRE)
- 4) CONNECTOR USED WITH THE FOLLOWING TERMINALS:
DELPHI APEX 150 WITH WIRE SIZES DEFINED IN NOTE
- 5) NOT SPECIFIED TOLERANCE : DIN ISO 2768(M)

DIMENSIONAL RANGE (mm)	TOLERANCE CLASS
FROM > 0 TO > 20	±0.1
> 20 TO > 30	±0.15
> 30 TO > 40	±0.2
> 40 TO > 50	±0.25
> 50 TO > 60	±0.3
> 60 TO > 70	±0.35
> 70 TO > 80	±0.4
> 80 TO > 90	±0.45
> 90 TO > 100	±0.5
> 100 TO > 150	±0.6
> 150 TO > 200	±0.7
> 200 TO > 250	±0.8
> 250 TO > 300	±1.0
> 300 TO > 400	±1.2



DO NOT
SCALE
USE MATH
DATA



• APTIV •	
CONNECTION SYSTEMS Chennai, India	
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DR: KIM, DO-HYEOUNG	DATE: 23AP18
APVD1: KIM, DO-HYEOUNG	23AP18
APVD2: SEO, JU-WON	23AP18
APVD3: PARK, JOO-HYUN	23AP18
APVD4:	
APVD5:	
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV (094900)	
MATERIAL:	
SEE NOTES	
DRAWING NAME: APEX150 5WAY FEMALE UNSEALED CONNECTOR	
DRAWING NUMBER: 35208534	
SIZE: A0	SCALE: 5:1
FRAME NO: 1	SHEET NO: 1
STG: 01	REV: 01

Mouser Electronics

Authorized Distributor

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