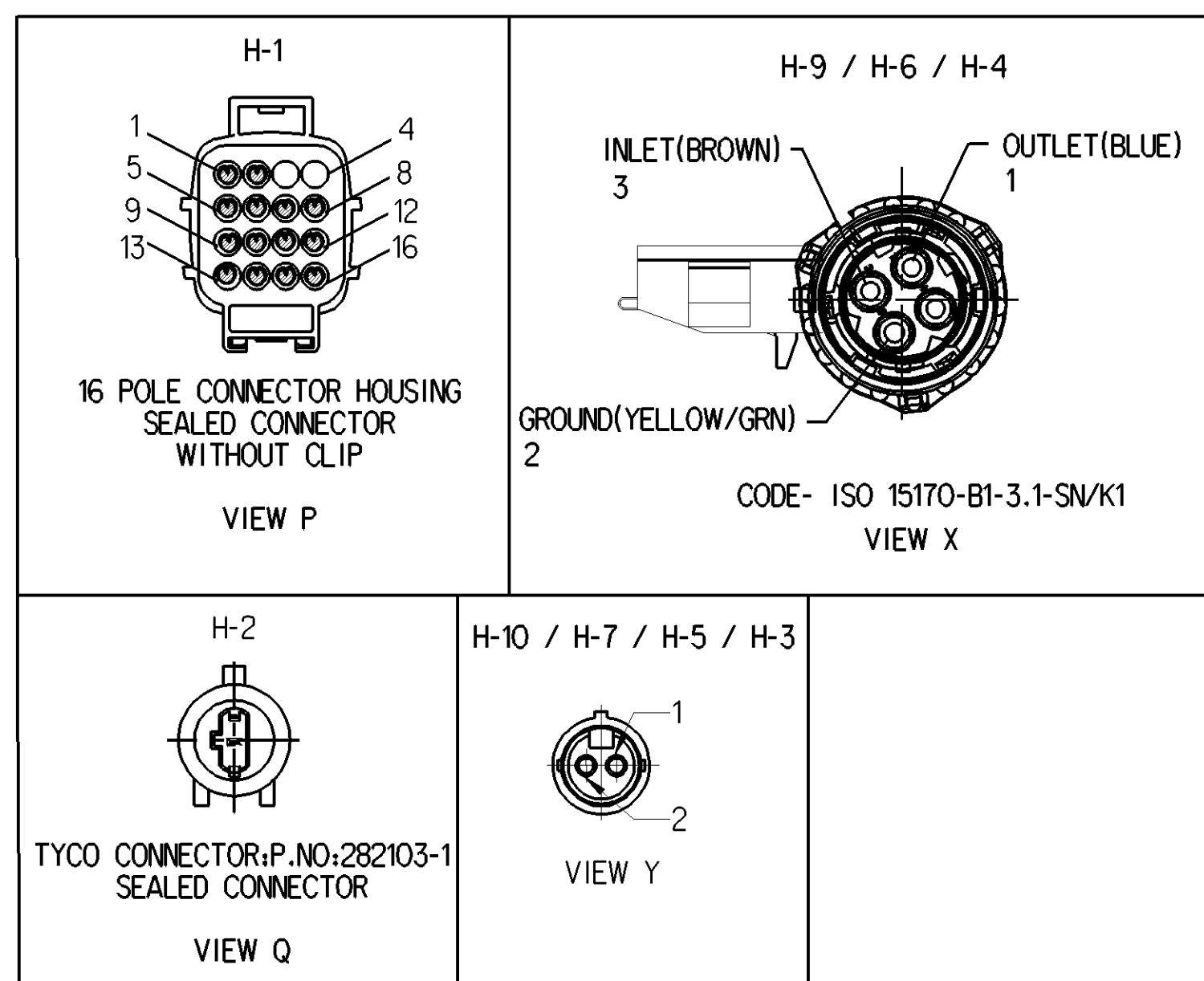




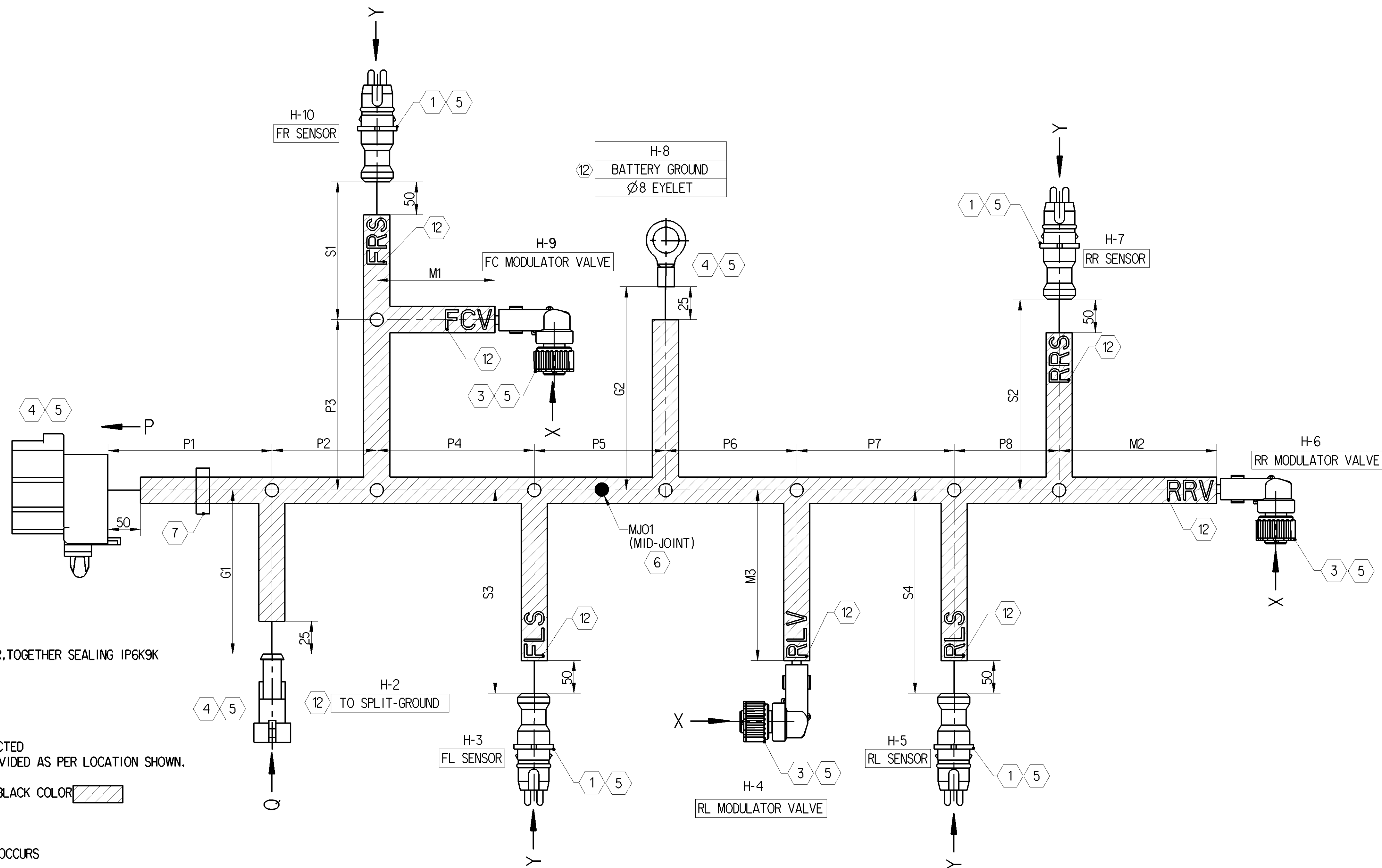
	H-1		
(12)	W/H SPLIT HARNESS ABS		
	DESCRIPTION	TYCO P.NO.	QTY
	CONNECTOR	368050-1	1
	SEC.LOCK	368051-1	1
(A)	CLIP	85229-1	1

NOTES:
OPERATING VOLTAGE : 08-32 V DC
OPERATING TEMPERATURE : -40 TO +105° C (A)

- ① TWO CORE TWISTED CABLES OF ~35mm/TWIST SENSOR CABLES. MATED TO WABCO WHEEL SPEED SENSOR, TOGETHER SEALING IP6K9K
NO POLARITY FOR WHEEL SPEED SENSOR CABLE COLORS OR CONNECTORS
- ② MODULATOR VALVE CABLES. MATED TO WABCO MODULATOR VALVE, TOGETHER SEALING IP6K9K
- ③ SEE VIEW FOR MODULATOR VALVE CONNECTOR CONTACT POSITIONS. CONNECTOR AS PER ISO 15170
- ④ CUSTOMER MATING CONNECTORS TO MEET THE MANUFACTURERS INTERFACE DIMENSIONS
- ⑤ FOR CONNECTORS AND CONTACTS MANUFACTURERS PRODUCT SPECIFICATION IS VALID
- ⑥ ALL YELLOW/GREEN WIRES FROM THE MODULATOR VALVE CABLES SHALL BE SPLICE JOINTED AND CONNECTED
- ⑦ INDELIBLE IDENTIFICATION TAG / PRINTED STICKER INDICATING CUSTOMER PART NUMBER SHALL BE PROVIDED AS PER LOCATION SHOWN.
CONTENTS OF THE LABEL AS PER DEVICE DOC.922
- ⑧ ALL THE CABLES SHALL BE COVERED WITH FIRE RETARDANT SLIT TYPE CORRUGATED TUBES (PPFR) OF BLACK COLOR 
- ⑨ FURTHER TECHNICAL DATA AS PER THE PRODUCT SPECIFICATION 449 011 000 0 (DOC 035)
- ⑩ FOR INSTALLATION RESTRICTIONS PLEASE REFER 449 000 000 0 (DOC 11)
THE POWER SUPPLY LINES TO BE FUSED IN ACCORDANCE TO ISO/DIS 8820
CABLE DESIGN AND INSTALLATION HAS TO BE CARRIED OUT THAT NO ELECTROMAGNETIC INTERFERENCE OCCURS
HOT AIR TO BE DIVERTED AWAY FROM WIRING HARNESS SUITABLY
- ⑪ SPLIT JOINTS- BLACK COLOR PVC INSULATION TAPES SHALL BE USED AT JOINTS
DO 2-3 TURNS OF POINT TAPING ON SLIT PORTION OF CORRUGATED TUBE FOR EVERY DISTANCE OF 200MM
- ⑫ IDENTIFICATION TAG / PRINTED STICKER TO BE PROVIDED ON ALL END OF BRANCHES.
- ⑬ ALL WIRES TO MEET ISO 6722:2006 (CLASS B) & FLAMMABILITY REQUIREMENTS TO MEET ISO 6722:2006 (A)
- ⑭ COT TUBE TO MEET FLAMMABILITY REQUIREMENT AS PER UL94-V-2

IDENTIFICATION TAGS (INDELIBLE)							
SE/MV	SENSOR EXTENSION (SE) CABLE				MODULATOR VALVE (MV) CABLE		
LOCATION	FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT	FRONT COMMON	REAR LEFT	REAR RIGHT
ID TAG	FL-S	FR-S	RL-S	RR-S	FC-V	RL-V	RR-V

CIRCUIT TABLE									
S NO	WIRE TYPE	COLOR	WIRE CSA SQ. MM	FROM		TO		FUNCTION	REMARKS
				CONNECTOR	PIN	CONNECTOR	PIN		
1	FLRYB	BROWN	0.75	H-1	13	H-10	1	SENSOR CABLE	FRS
2	FLRYB	BLACK	0.75	H-1	10	H-10	2	SENSOR CABLE	FRS
3	FLRYB	BROWN	0.75	H-1	15	H-3	1	SENSOR CABLE	FLS
4	FLRYB	BLACK	0.75	H-1	12	H-3	2	SENSOR CABLE	FLS
5	FLRYB	BROWN	0.75	H-1	16	H-7	1	SENSOR CABLE	RRS
6	FLRYB	BLACK	0.75	H-1	7	H-7	2	SENSOR CABLE	RRS
7	FLRYB	BROWN	0.75	H-1	14	H-5	1	SENSOR CABLE	RLS
8	FLRYB	BLACK	0.75	H-1	11	H-5	2	SENSOR CABLE	RLS
9	FLRYB	BLUE	1	H-1	9	H-6	1	MV OUTLET	RRV
10	FLRYB	BROWN	1	H-1	8	H-6	3	MV INLET	RRV
11	FLRYB	BLUE	1	H-1	5	H-4	1	MV OUTLET	RLV
12	FLRYB	BROWN	1	H-1	2	H-4	3	MV INLET	RLV
13	FLRYB	BLUE	1	H-1	6	H-9	1	MV OUTLET	FCV
14	FLRYB	BROWN	1	H-1	1	H-9	3	MV INLET	FCV
15	FLRYB	BLACK	2.5	MJ01	-	H-2	1	SYSTEM GROUND	GROUND
16	FLRYB	YEL/GRN	1	MJ01	-	H-6	2	MV GROUND	GROUND
17	FLRYB	YEL/GRN	1	MJ01	-	H-4	2	MV GROUND	GROUND
18	FLRYB	YEL/GRN	1	MJ01	-	H-9	2	MV GROUND	GROUND
19	FLRYB	BLACK	2.5	MJ01	-	H-8	1	BATTERY GROUND	GROUND



TOLERANCE CHART		
BRANCH LENGTHS		
S.No.	LENGTH in mm	TOLERANCE mm
1	LESS THAN 200	+10/-0
2	201 TO 500	+15/-0
3	501 TO 1000	+20/-0
4	1001 TO 2000	+25/-0
5	2001 TO 5000	+25/-0
6	OVER 5001	+30/-0
MAIN TRUNK		
S.No.	LENGTH in mm	TOLERANCE mm
1	LESS THAN 200	+/- 10
2	201 TO 500	+/- 10
3	501 TO 1000	+/- 10
4	1001 TO 2000	+15/-0
5	2001 TO 5000	+15/-0
6	OVER 5001	+20/-0
FOR CLIPS		
CLIP TO CLIP TOLERANCE mm		
ALL		+5/-0
FOR GROMMET AND CLIPS IN mm		
GROMMET/CLIP TO BRANCH/ OTHER COMPONENT		+10/-0

VEHICLE PLATFORM	TML OFFER PART NO.	TML ALLOTTED WABCO PART NO.	LENGTH IN mm																
			P1	P2	P3	P4	P5	P6	P7	P8	S1	S2	S3	S4	M1	M2	M3	G1	G2
M&HCV	5007 5460 16 17	5007 5460 01 12	100	700	500	1150	250	3100	450	750	750	550	400	750	200	700	300	100	1350

CORRUGATED TUBE DETAILS	
ID/OD SIZE/ COLOUR	LENGTH(S)
Ø19/Ø25/ BLACK	P1, P2, P4, P5, P6
Ø12/Ø16/ BLACK	P3, P7, P8
Ø7/Ø10/ BLACK	S1, S2, S3, S4 M1, M2, M3, G1, G2

General Specifications: JED-334-1						Copyright WABCO®		WABCO									
Further Technical Data:449 011 000 0						Date		Signature		WIRING HARNESS (ABS-4S/3M)							
Doc. Code: 035		Sheet: 01		To: 09		2015-10-30		Ashokkumar									
General Tolerances JED-261						Checked		2015-10-31						Sujith			
Range of Nominal Dimensions (± mm)						Expert		Senthilmurugan									
Class	1)	≤ 50	> 50 ≤ 180	> 180 ≤ 400	> 400			Mass		Material No.		Date of first issue: 2015-07-11					
Fine		0.5	1.0	1.5	2.0			KG		NTS		Doc. Code		Sheet			
Medium		1.0	2.0	3.0	4.0			Size		447 100 066 0		Language					
Coarse		2.0	3.5	5.0	6.5			CAB System				005		EN 1/1			
Tapped Holes acc.																	
1) Tolerance Class Applied Crossmarked						A 1		CREO		ECN-No. 168965		Revision 5		Tech. Resp. 6391,91W		Replacement for -	
																	

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