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### CONNECTOR ASSEMBLY EXEMPLARY LOADED

Technical drawing of the connector assembly showing dimensions and assembly details. Key dimensions include: 13,0 (total width), 5,7 (width to center of contact), 3,3 (width to center of action pin), 2,0 (height of contact), 8,0 (height of action pin), 9,4 (height of housing), 4,9±0,05 (height of base), 26,8 (total length), 15,4+0,0/-0,1 (length to center of contact), 20,0 (height of PCB), 24,95+0,0/-0,1 (height of housing), 2,0 (height of PCB), 8,0 (width of PCB), 15,4 MAX. (width of PCB).

Labels: REFERENCE LINE, ACTION PIN AREA, CONTACT AREA, PRINTING AREA (THIS SIDE), AMP, X-5106012-X YYYW.

### CONTACT DIMENSIONS

Technical drawing of contact dimensions showing contact level and reference line. Key dimensions include: 5,2 REF. (width of contact), 3,8 (height of contact), 5,2 REF. (width of contact), 5,2 REF. (width of contact), 5,2 REF. (width of contact), 5,2 REF. (width of contact), 5,2 REF. (width of contact).

Labels: CONTACT LEVEL, REFERENCE LINE, ACTION PIN AREA, CONTACT AREA.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
H	-	REVISED PER ECO-13-010456	25JUN2013	SY	FY

### RECOMMENDED PCB-HOLE LAY-OUT COMPONENT SIDE SHOWN

Recommended PCB-hole layout diagram showing hole dimensions and positions. Key dimensions include: 4x 2,0 = 8,0 (width of hole array), 1,5 (pitch), 2,0 (hole diameter), 10x 2,0 = 20,0 (height of hole array), 0,05 (hole diameter tolerance), 2,0 (hole diameter).

Labels: EDGE OF P.C. BOARD, ALL HOLES.

### CONTACT LAYOUT

Contact layout diagram showing contact positions and guiding. Key dimensions include: 11 (number of contacts), 1,5 (pitch), 2,0 (hole diameter), 10x 2,0 = 20,0 (height of hole array), 0,05 (hole diameter tolerance), 2,0 (hole diameter).

Labels: GUIDING.

### NOTES:

- MATERIAL HOUSING : GREY GLASSFILLED POLYESTER  
UL-RATING V0  
CONTACT : PHOSPHORBRONZE
- GENERAL PLATING SPECIFICATION: UNDERPLATING (ENTIRE CONTACT): 1,27µm NICKEL MIN. AND ACTION PIN: 0,5µm TIN MIN.  
FOR PLATING OF MATING SURFACES SEE APPLICABLE SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
- CONFORMS TO ALL TESTING ACCORDING IEC 61076-4-101 PERFORMANCE LEVEL 2.
- CONFORMS TO ALL TESTING ACCORDING IEC 61076-4-101 PERFORMANCE LEVEL 1.
- CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL III, CENTRAL OFFICE APPLICATIONS.
- CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL III, UNCONTROLLED ENVIRONMENT APPLICATIONS.
- CONNECTOR LUBRICATED WITH TELCORDIA GR-1217-CORE APPROVED LUBRICANT.
- CONNECTOR ASSEMBLY WITH LATCH HINGE FOR CABLE CONNECTOR.
- CONNECTOR MARKED WITH PARTNUMBER AND DATECODE
- PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID.
- HOLES IN ROW f FOR POSSIBLE FUTURE USE OF GROUND RETURN SHIELDS. (NOT YET TOOLED)
- OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- 0,76µm MIN. GOLD PLATING AT MATING SURFACE

P.C.B. HOLE DIM. ACTION PIN  
FOR DETAILS SEE  
APPLICATION SPECIFICATION

	N	2,3,13	3-5106012-0
12	Y	2,6	1-5106012-9
	N	2	1-5106012-1
12	Y	2,5	5106012-9
OBSOLETE	N	2,4	5106012-4
	N	2,3	5106012-1
	CONSERVATION TREATMENT	CONTACT FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	10AUG2004	TE Connectivity	
DIMENSIONS: mm		CHK	23SEP2004	Z-PACK 2mm HM TYPE C	
TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.2		APVD	23SEP2004	55 POS. RIGHT ANGLE MALE	
MATERIAL		PRODUCT SPEC	108-19082	CONNECTOR ASSEMBLY	
FINISH		APPLICATION SPEC	114-19029	SIZE	RESTRICTED TO
		WEIGHT	-	A2	-
		CUSTOMER DRAWING	SCALE	00779	REV
			5:1	C=5106012	D
			SHEET	1 of 1	

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