




PERFORMANCE CHARACTERISTICS

CURRENT RATING 1.5A AT 20°C (FULLY LOADED)
1 A AT 70°C (FULLY LOADED)
RATED VOLTAGE : 500 V AC (CONT /CONT)
OPERATING TEMPERATURE : -55°C TO 125°C
CONTACT RESISTANCE 20 mΩ MAX
INSERTION FORCE : 0.75N MAX/CONT
EXTRACTION FORCE : 0.15N MIN/CONT
INSULATION RESISTANCE : 10⁴ mΩ MIN

NOTES

1. " " LEAD FREE INDICATOR :LF=LEAD FREE
" " PERFORMANCE LEVEL INDICATION (REF DWG NO.BSC .201844.003)

- THIS PRODUCT IS CSA APPROVED.
THIS PRODUCT IS UL RECOGNIZED.
- FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING :BS.A.201572.001
- THIS PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

Material			Spec ref			
Mat code			✓	tolerance	projection	
Heat treat				IDEC ± 0.2 IDEC 2DEC ± 0.1 IDEC ANGLES ± 1° HOEKEN		
Plating/Finish						
Dr	N.Otto	06-05-99	size			Scale
Eng			Product family			MILLIPACS
Chr			Model Name			ECN
Appr			Model Revision			DG05-0278
			REL Level			
		title			MPACS 5+2R RA RCP CONN TYPE AB	dwg no
						BSC201444045
						Rev
						C
Pro/E file		catalog	PDM: Rev.C		STATUS: Released	sheet 1 of 1

rev	ecn no	dr	date
A	CONVERSION REVISION 04	KN	14-09-01
B	105-0082	ALEX B	01-06-05
C	DG05-0278	Kason	02-08-05
-	-	-	-
-	-	-	-
04	PCB LAYOUT CHANGED	RM	08-08-01

REV.	DATE	DESCRIPTION	BY	C'K'D'
B	06-05-04	104-0029	ALEX B	BKP
C	14-01-05	105-0006	ALEX B	BKP
D	01-06-05	105-0083	ALEX B	BKP

MILLIPACS : CONTACT PLATING CODE OVERVIEW

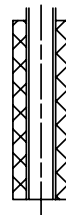
HM2---P------(L-)(LF)

FOR LEAD FREE PLATING
OPTIONAL (NOTE 1)
PLATING CODE (DIGIT 13 AND 14)

PLATING CODE	CONTACT AREA		
L9	1.25 μ Au min over 1.3 μ Ni min.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	
E9	1.00 μ Au min over 1.3 μ Ni min.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 1 (500 mating cycles)
N9	0.80 μ Au min over 1.3 μ Ni min.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 2 (250 mating cycles)
Z1	0.40 μ Au min over 1.3 μ Ni min.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	PERFORMANCE LEVEL 3 (50 mating cycles)
NN	0.15 μ Au Average over 1.02 μ NiP Average.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	
NEN	0.38 μ Au Average over 1.02 μ NiP Average.	MALE CONN.: SHORT / WIRE WRAP CONT. FEMALE CONNECTOR	
GE	1.25 μ Au min over 1.3 μ Ni min.	MALE CONN.: REAR PLUG-UP CONTACTS	
GL	1.00 μ Au min over 1.3 μ Ni min.	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 1 (500 mating cycles)
GF	0.80 μ Au min over 1.3 μ Ni min.	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 2 (250 mating cycles)
GC	0.40 μ Au min over 1.3 μ Ni min.	MALE CONN.: REAR PLUG-UP CONTACTS	PERFORMANCE LEVEL 3 (50 mating cycles)
GN	0.15 μ Au Average over 1.02 μ NiP Average. (Both Front & Rear Sides)	MALE CONN.: REAR PLUG-UP CONTACTS	
GEN	0.38 μ Au Average over 1.02 μ NiP Average. (Both Front & Rear Sides)	MALE CONN.: REAR PLUG-UP CONTACTS	

NOTE :

- 1) IN CASE OF STR HDR CONNECTORS :
EXTENSIONS CAN BE ADDED TO THE PLATING CODE
IF LUBRICATED CONTACTS ARE REQUIRED
L : LUBRICATED
L1: LUBRICATED TO MEET TELCORDIA GR-1217 CORE REQUIREMENTS
- 2) PLATING AT EON AREA
LF : Sn MATT FINISH PLATING(0.05 μ Min)
ALL OTHER PART NOS : SnPb PLATING(0.05 μ Min)



REF NOTE 2 FOR
EON PLATING

1DEC ± 0.2 1DEC 2DEC ± 0.1 2DEC ANGLES $\pm 1^\circ$ HOEKEN	APPR. DRAFT CHECKED	DATE 210303	SIGN. M.Fret	MPACS CONTACT PLATING OVERVIEW	
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PROD. MGR. PR. ENG. MGR. PR. MGT. MGR.			CAT. No. HM2---P------(L-)	
ALL DIMENSIONS IN MM	REFERENCES / REFERENTIES			SCALE	
ALLE AFMETINGEN IN MM				FCI MECHLEN N.V. A. SPINOYSTRAT 8, 2800 MECHLEN	
				BS,C ,201844,003	
				D	